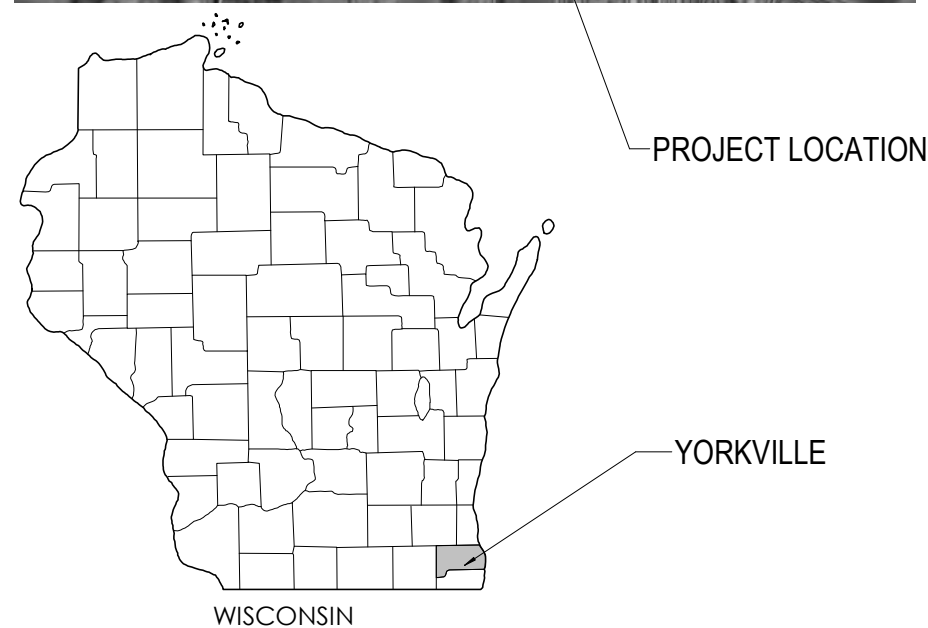


CONSTRUCTION DRAWINGS FOR WASTEWATER TREATMENT PLANT UPGRADES

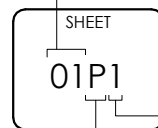
YORKVILLE, WISCONSIN



SHEET NUMBERING LEGEND

STRUCTURE IDENTIFIER OR SHEET TYPE

- G GENERAL INFORMATION
- C SITE WORK
- 13 LIFT STATION
- 20 TREATMENT/ADMIN BUILDING
- 30 SBR
- 50 SLUDGE STORAGE
- 80 MORTON BUILDING
- D DETAILS



CONSECUTIVE SEQUENCE DRAWING NUMBER

DISCIPLINE

- G GENERAL
- C CIVIL
- S STRUCTURAL
- A ARCHITECTURAL
- P PROCESS
- M MECHANICAL
- E ELECTRICAL



WASTEWATER TREATMENT PLANT
YORKVILLE, WISCONSIN

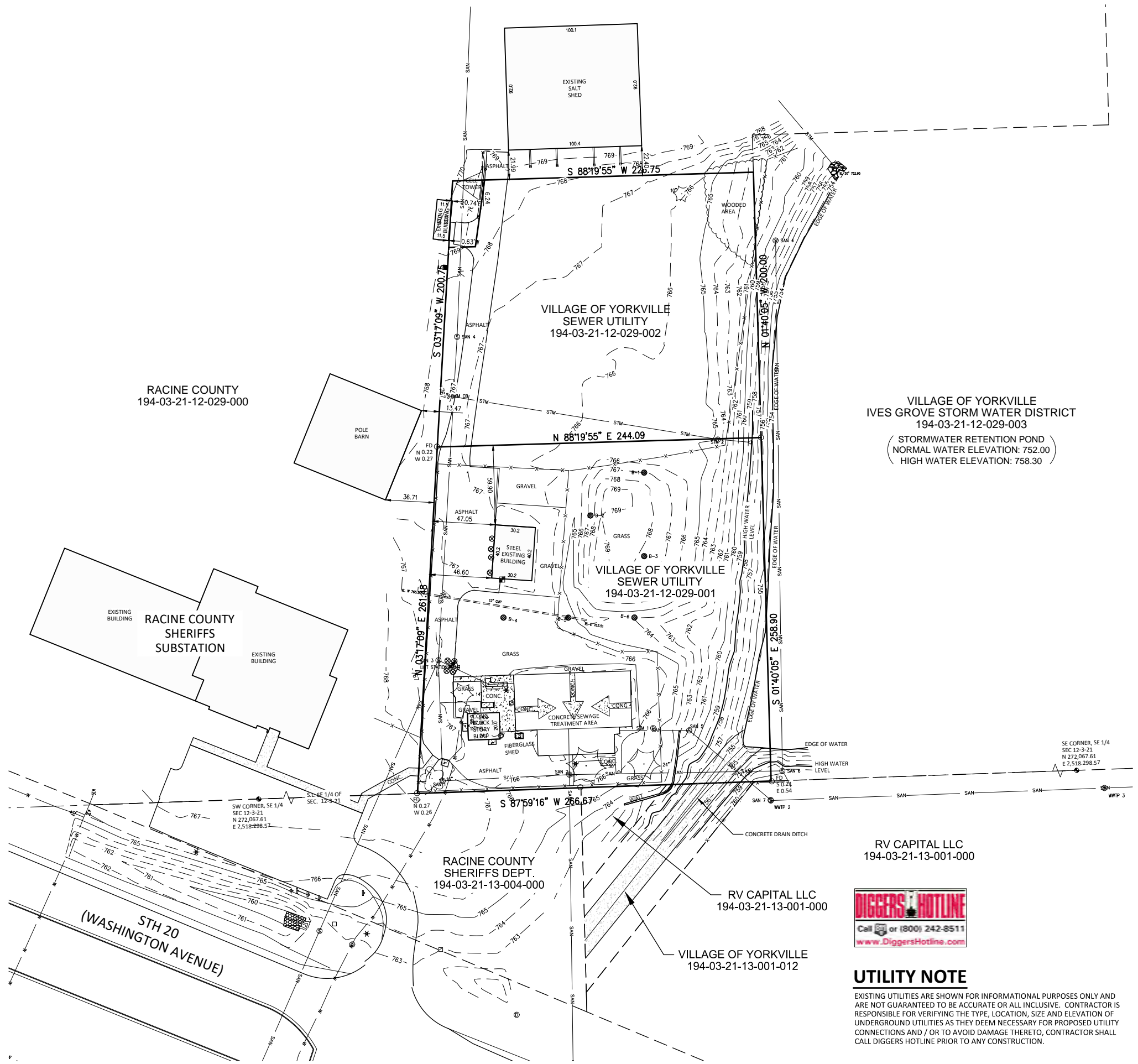
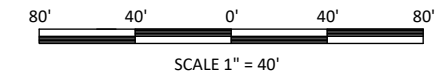
MARK	DATE	DESCRIPTION	REVISIONS

FILE NO. YORSU 153779
CLIENT PROJECT NO. BID SET
PROJECT STATUS APRIL, 2021
ISSUE DATE APRIL, 2021 DS
DESIGNED BY LAP
DRAWN BY LAP

SHEET TITLE
YORKVILLE WWTP
TITLE SHEET

SHEET
GG1

10 NORTH BRIDGE STREET
 CHIPPEWA FALLS, WI 54729
 PHONE: 715.720.6000
 FAX: 451-490.2150
 WAITS: 800.325.2655
 WWW.JAHINC.COM



RACINE COUNTY
 194-03-21-12-029-000

VILLAGE OF YORKVILLE
 SEWER UTILITY
 194-03-21-12-029-002

VILLAGE OF YORKVILLE
 IVES GROVE STORM WATER DISTRICT
 194-03-21-12-029-003
 (STORMWATER RETENTION POND)
 NORMAL WATER ELEVATION: 752.00
 HIGH WATER ELEVATION: 758.30

VILLAGE OF YORKVILLE
 SEWER UTILITY
 194-03-21-12-029-001

RACINE COUNTY
 SHERIFFS
 SUBSTATION

RACINE COUNTY
 SHERIFFS DEPT.
 194-03-21-13-004-000

RV CAPITAL LLC
 194-03-21-13-001-000

VILLAGE OF YORKVILLE
 194-03-21-13-001-012

BEARING BASE: GRID NORTH, WISCONSIN
 COORDINATE SYSTEM, SOUTH ZONE.
 BASED UPON NAD 1983 / 2011.

ALL ELEVATIONS REFER TO NATIONAL
 GEODETIC VERTICAL DATUM OF 1988.

LEGEND:

- ⊙ STORM MANHOLE
- ⊙ SANITARY MANHOLE
- SAN — SANITARY SEWER
- ⊙ LIGHT POLE
- ⊙ YARD LIGHT
- ⊙ FLOOD LIGHT
- ⊙ DECIDUOUS TREE
- ⊙ CONIFEROUS TREE
- ⊙ WATER VALVE
- ⊙ FOUND 1" IRON PIPE
- ⊙ SOIL BORING
- ⊙ HYDRANT
- W — WATER MAIN
- ⊙ GUARD POST
- ⊙ GENERATOR
- ⊙ ELECTRIC MANHOLE
- ⊙ ELECTRIC METER
- ⊙ HVAC
- ⊙ SIGN
- ⊙ VENT PIPE
- ⊙ PAD MOUNT TRANSFORMER
- ⊙ LIFT STATION
- ⊙ FENCE
- ⊙ CONCRETE PAVEMENT
- ⊙ COMMUNICATION BOX

EXISTING UTILITY DATA

STM 1 RIM 765.89 IE. 8" N 760.39 IE. 8" W 760.44	SAN 1 RIM 767.69 IE. 8" N/E 745.04	SAN 4 RIM 759.69
STM CB RIM 766.73	SAN 2 RIM 765.99 IE. 8" W/S/E 745.09	SAN 5 RIM 762.85 IE. 8" SE 749.35 IE. 8" W 749.85
STM 2 RIM 764.93	SAN 3 (WET WELL) RIM 766.92 IE. 8" S 744.48 IE. 8" SW 752.60 IE. 8" N 752.75	SAN 6 RIM 760.12
SAN 4 RIM 767.29 IE. 8" N/S 754.19	STM WWTP 2 RIM 760.44 IE. 8" NW 748.89 IE. 8" E 749.04	SAN 7 RIM 760.54
	STM WWTP 3 RIM 760.23 IE. 8" W 747.63 IE. 8" E 747.43	

RV CAPITAL LLC
 194-03-21-13-001-000



UTILITY NOTE

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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

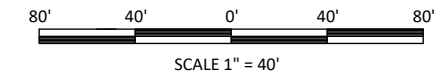
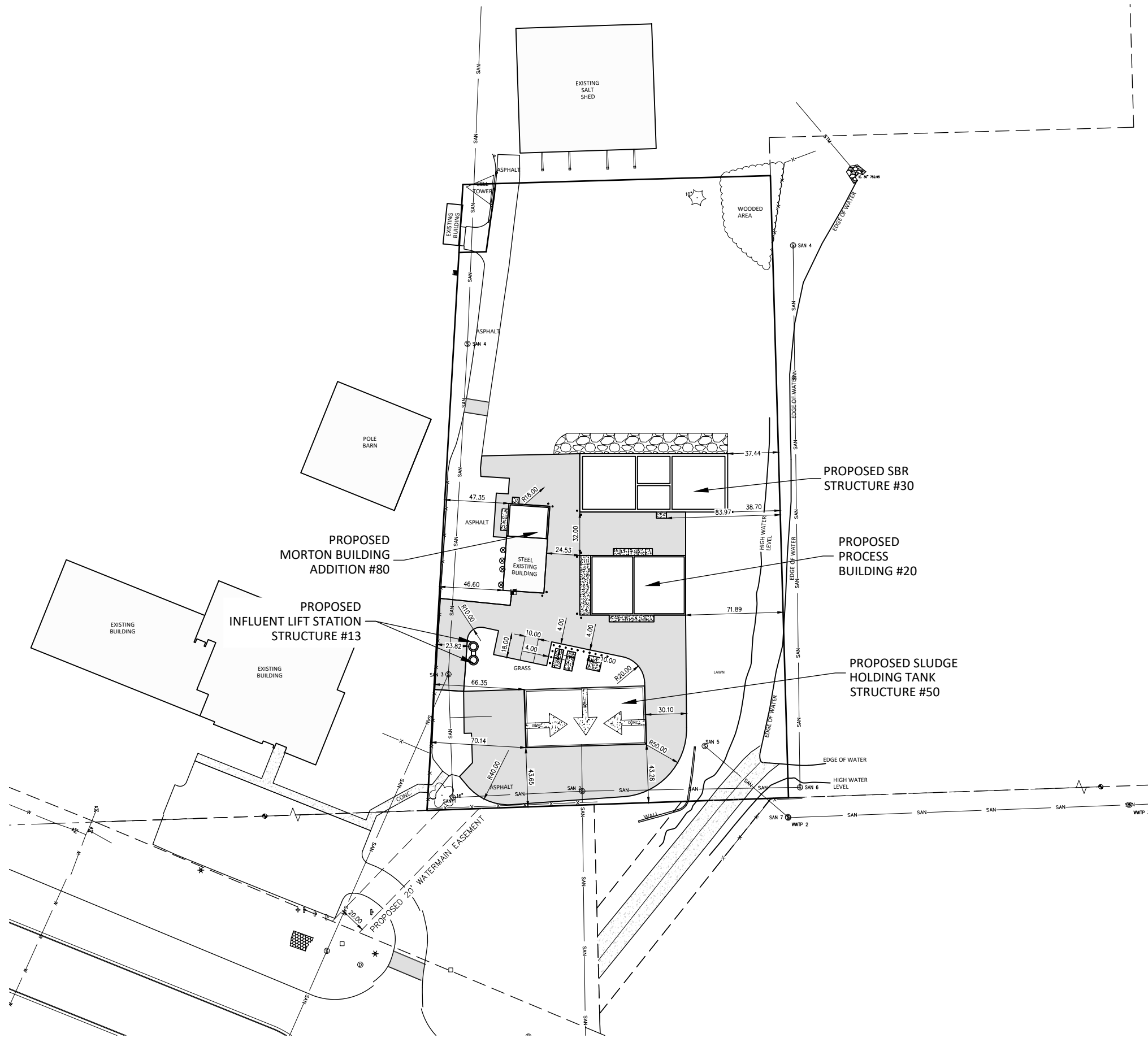
FILE NO. YORSU 153779
 CLIENT PROJECT NO. 1
 PROJECT STATUS BID SET
 ISSUE DATE APRIL, 2021
 DESIGNED BY ALJ
 DRAWN BY JWR

SHEET TITLE
 EXISTING CONDITIONS PLAN





SHEET
 CC-1

REVISIONS

Short Elliott Hendrickson, Inc. © (SEHI)



LEGEND

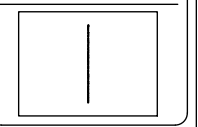
-  PROPOSED GRAVEL ACCESS DRIVEWAY
-  PROPOSED ASPHALT PAVEMENT
-  PROPOSED CONCRETE PAVEMENT
-  PROPOSED BOLLARD



UTILITY NOTE

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10 NORTH BRIDGE STREET
 CHIPPEWA FALLS, WI 54729
 PHONE: 715.720.6000
 FAX: 451.490.2150
 WAITS: 800.325.2655
 www.dhinc.com



WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

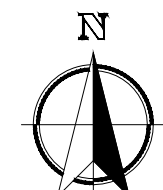
REVISIONS

FILE NO. YORSU 153779
 CLIENT PROJECT NO. -
 PROJECT STATUS BID SET
 ISSUE DATE APRIL, 2021
 DESIGNED BY ALJ
 DRAWN BY JWR

SHEET TITLE
 DIMENSIONED SITE PLAN

SHEET
 CC-2

10 NORTH BRIDGE STREET
 CHIPPEWA FALLS, WI 54729
 PHONE: 715.720.6000
 FAX: 451-490.2150
 WAITS: 800.326.2055
 www.jahinc.com



80' 40' 0' 40' 80'
 SCALE 1" = 40'

DEMOLITION NOTES

THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (AT A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PAVEMENTS, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLY COMPACTED STRUCTURAL FILL MATERIAL PER THE SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR DEMOLITION, SITE CLEARING, AND DISPOSAL.

THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.

THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE LAND SURVEYOR AND ENGINEER OF RECORD ASSUME NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION (OR MODIFICATION) OF THE BUILDINGS.

ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION OR AS THE ONLY CONFLICTS THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.

ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CALL DIGGERS HOTLINE AT 1-800-242-8511 A MINIMUM OF 3 WORKING DAYS PRIOR TO EXCAVATION ACTIVITIES TO LOCATE AND MARK ALL UNDERGROUND UTILITIES.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HIRE A PRIVATE UTILITY LOCATING SERVICE TO LOCATE AND MARK ALL UNDERGROUND PRIVATE UTILITIES.

CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH SIGNS, FENCING, BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY THE CONSTRUCTION MANAGER. TEMPORARY CLOSURE OF ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION.

CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING THE COURSE OF WORK.

PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.

EXISTING ITEMS TO REMAIN INCLUDING, BUT NOT LIMITED TO, FENCES, SIGNS, UTILITIES, BUILDINGS, TREES, PAVEMENTS, AND LIGHT POLES SHALL BE CAREFULLY PROTECTED DURING THE DEMOLITION PROCESS. ANY DAMAGE SUSTAINED TO ITEMS TO REMAIN IN PLACE SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE OWNER.

PROPERTY CORNERS AND BENCHMARKS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE DISTRICT.

CONTRACTOR SHALL LIMIT PAVEMENT REMOVALS TO ONLY THOSE AREAS WHERE IT IS NECESSARY AS SHOWN ON THESE CONSTRUCTION PLANS. CONCRETE SIDEWALK AND CURB & GUTTER IS TO BE REMOVED TO NEAREST JOINT IN ORDER TO ACCOMMODATE PROPOSED IMPROVEMENTS. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENTS AND OR OTHER IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPAIR OF DAMAGED PAVEMENT AND OTHER ITEMS AT NO ADDITIONAL COST TO THE OWNER.

IF PREVIOUSLY UNIDENTIFIED HAZARDOUS, CONTAMINATED MATERIALS, OR OTHER ENVIRONMENTAL RELATED CONDITIONS ARE DISCOVERED, STOP WORK IMMEDIATELY AND NOTIFY THE PROJECT CONSTRUCTION MANAGER FOR ACTION TO BE TAKEN. DO NOT RESUME WORK UNTIL SPECIFICALLY AUTHORIZED BY THE CONSTRUCTION MANAGER.

AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

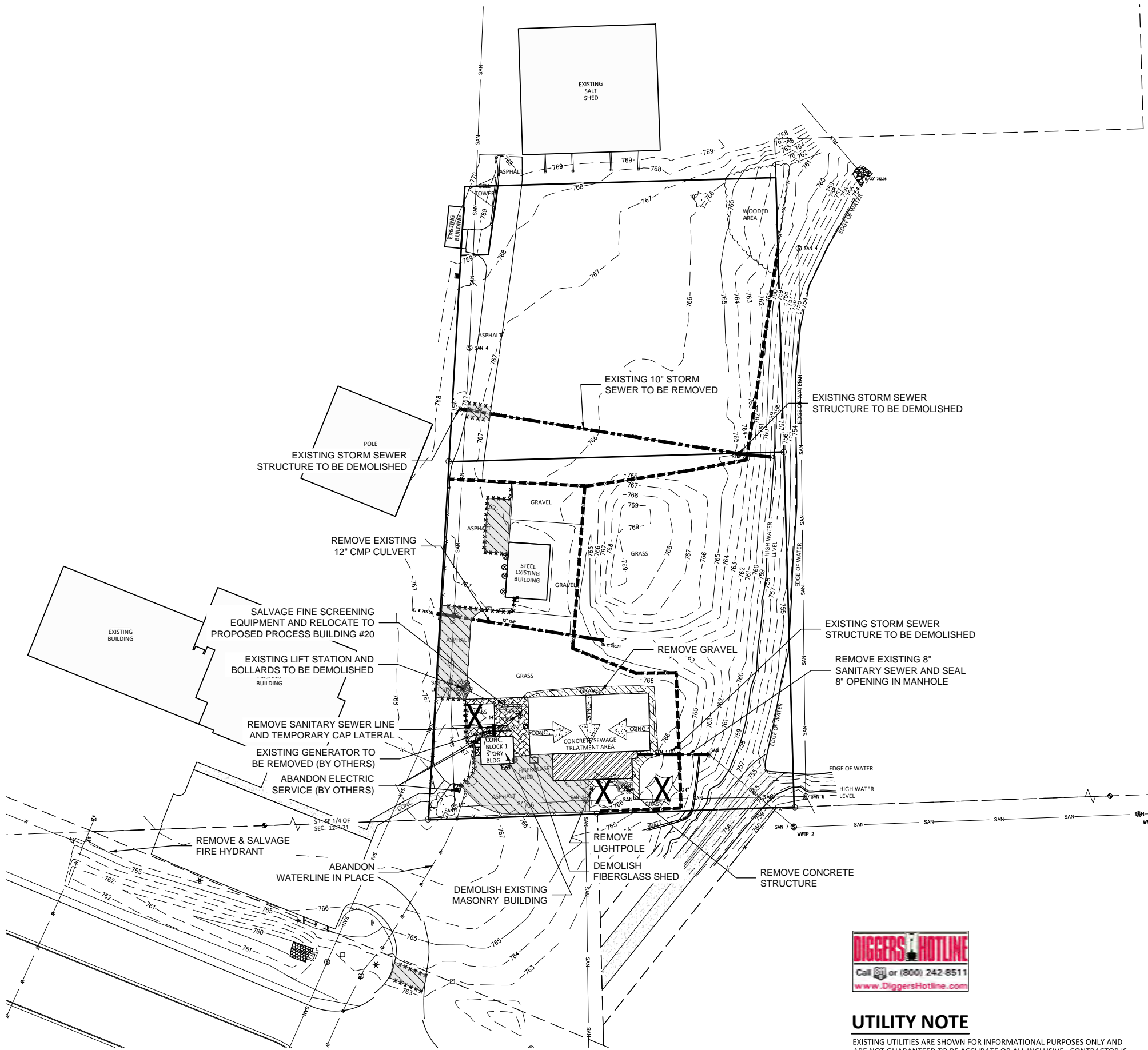
LEGEND

- ***** SAW CUT PAVEMENT (FULL DEPTH)
- [Hatched Box] REMOVE CONCRETE PAVEMENT
- [Diagonal Hatched Box] REMOVE CLARIFIER/SLUDGE TANK
- [Diagonal Hatched Box] REMOVE ASPHALT PAVEMENT
- [Diagonal Hatched Box] REMOVE GRAVEL
- REMOVE EXISTING FENCE
- [X in Circle] CLEAR & GRUB ISOLATED TREES
- REMOVE EXISTING SANITARY SEWER
- REMOVE/ABANDON EXISTING STORM SEWER



UTILITY NOTE

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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

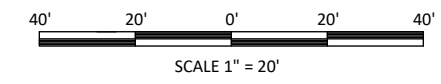
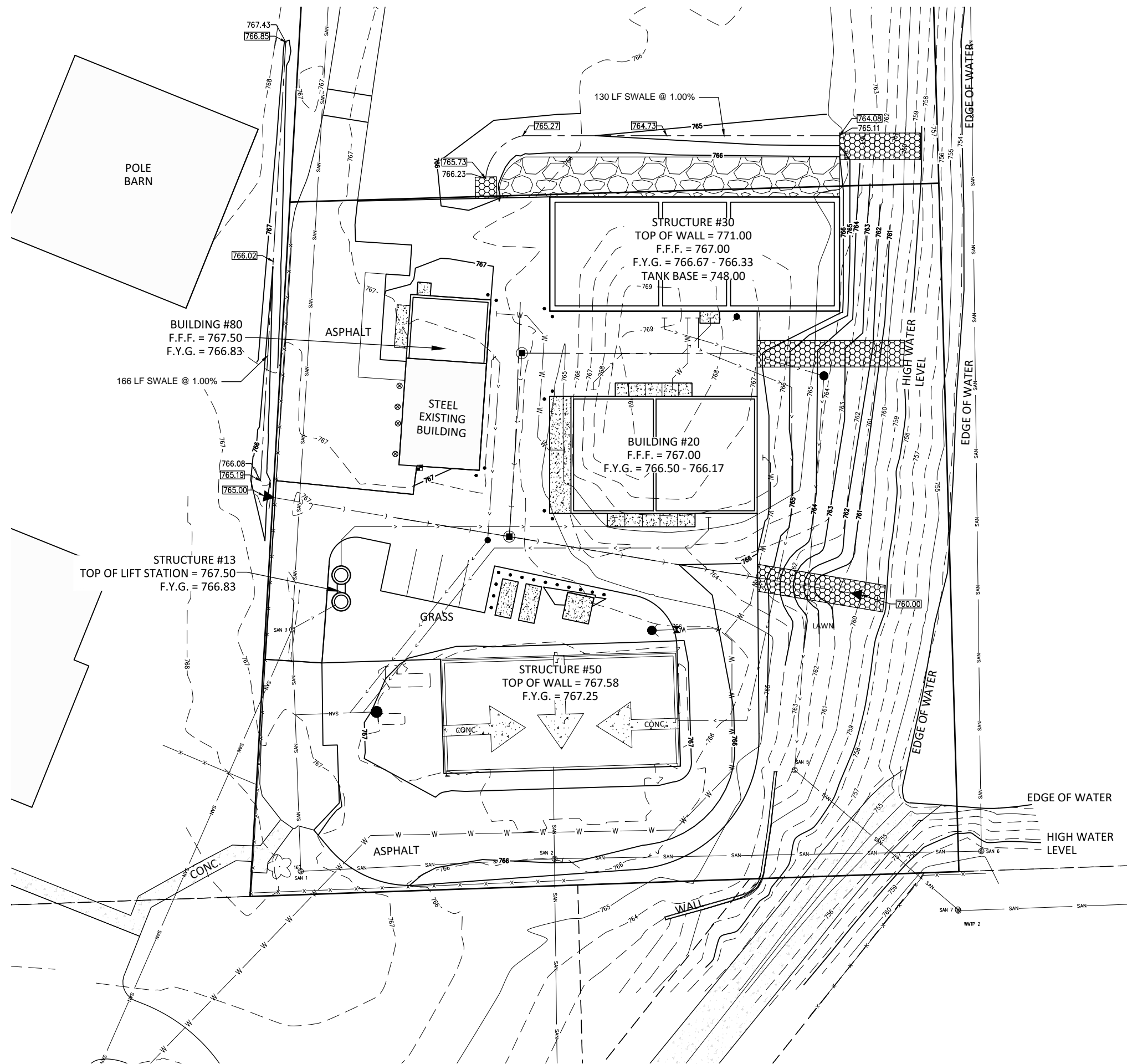
REVISIONS

FILE NO. YORSU 153779
 CLIENT PROJECT NO. 1
 PROJECT STATUS BID SET
 ISSUE DATE APRIL, 2021
 DESIGNED BY ALJ
 DRAWN BY JWR

SHEET TITLE
 SITE DEMOLITION PLAN

SHEET

CC-3



REFERENCES

STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2017 EDITION, HEREIN REFERRED TO AS "STATE SPECIFICATIONS." THE CURRENT VERSION OF THE "STATE SPECIFICATIONS" IS AVAILABLE ON THE WisDOT WEBSITE AT <http://roadwaystandards.dot.wi.gov/standards/stndspec/index.htm>

"MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), 2009 EDITION WITH REVISIONS 1 AND 2 INCORPORATED.

SITE GRADING & SUB-GRADE PREPARATION

- STRIP ALL TOPSOIL AND OTHER ORGANIC MATTER AND STOCKPILE A SUFFICIENT QUANTITY OF SUITABLE MATERIAL FOR FUTURE RESPREAD AT THE LOCATION SHOWN ON THE PLANS (OR AS DIRECTED BY THE OWNER).
- ALL NON-STRUCTURALLY SOUND SUB-SOILS FOUND WITHIN THE PROPOSED PAVEMENT SECTIONS, STRUCTURAL FILL AREAS AND BUILDING PADS SHALL BE EXCAVATED UNTIL STRUCTURALLY SOUND MATERIAL IS REACHED (REGARDLESS OF DEPTH) AND HAULED OFF SITE.
 - REMOVE AND REPLACE OR AERATE, DISK, DRY (OR WATER) AND COMPACT ALL UNSUITABLE SOILS AS NECESSARY TO ACHIEVE A STRUCTURALLY SOUND WORKING PLATFORM.
- IMPORT (OR EXPORT) STRUCTURAL FILL MATERIAL AS NECESSARY TO ACHIEVE THE REQUIRED LINES AND SUBGRADE ELEVATIONS AS SHOWN ON THE PLANS.
- FILL MATERIAL SHALL BE PLACED IN LAYERS WITH A MAXIMUM LOOSE THICKNESS OF 8 INCHES. THE COMPACTION EQUIPMENT SHOULD CONSIST OF SUITABLE MECHANICAL EQUIPMENT SPECIFICALLY DESIGNED FOR SOIL COMPACTION.
- FOR STRUCTURAL FILL DEPTHS LESS THAN 20 FEET, THE DENSITY OF THE STRUCTURAL COMPACTED FILL AND SCARIFIED SUBGRADE AND GRADES SHALL NOT BE LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY STANDARD PROCTOR (ASTM D-698) WITH THE EXCEPTION OF THE TOP 12 INCHES OF PAVEMENT SUBGRADE WHICH SHALL HAVE A MINIMUM IN-SITU DENSITY OF 100 PERCENT OF MAXIMUM DRY DENSITY, OR 5 PERCENT HIGHER THAN UNDERLYING FILL MATERIALS.
- THE MOISTURE CONTENT OF COHESIVE SOIL SHALL NOT VARY BY MORE THAN -1 TO +3 PERCENT OF GRANULAR SOIL AND BY NO MORE THAN ±3 PERCENT OF THE OPTIMUM WHEN PLACED AND COMPACTED OR RECOMPACTED, UNLESS SPECIFICALLY RECOMMENDED / APPROVED BY THE SOILS ENGINEER MONITORING THE PLACEMENT AND COMPACTION. COHESIVE SOILS WITH MODERATE TO HIGH EXPANSIVE POTENTIALS (PI>15) SHOULD, HOWEVER, BE PLACED, COMPACTED AND MAINTAINED PRIOR TO CONSTRUCTION AT A MOISTURE CONTENT OF 3±1 PERCENT ABOVE OPTIMUM MOISTURE CONTENT TO LIMIT FUTURE HEAVE.
- UPON COMPLETION OF THE FILL OPERATION, FINE GRADE AND SHAPE THE SUBGRADE TO THE LINES AND GRADES AS SHOWN ON THE PLANS.
- ONCE THE SITE GRADING AND COMPACTION OF THE SUBGRADE IS COMPLETE, COORDINATE WITH OWNER TO CONDUCT A PROOF ROLL ON ALL PAVEMENT SUBGRADES AND BUILDING SLABS.
- STRUCTURALLY UNSOUND (SOFT AREAS), IF DISCOVERED, SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL OR AERATED, DISKED, DRIED (WATERED) AND RECOMPACTED UNTIL THE GRADE DOES NOT RUT, DISPLACE OR DISTORT.
- ALL DISTURBED AREAS NOT COVERED BY PERMANENT STRUCTURES OR PAVEMENT SHALL BE FINISHED GRADED WITH 3" - 6" TOPSOIL, SEEDED AND STABILIZED WITHIN 7 DAYS OF REACHING FINAL GRADE.
- FINE GRADE TOPSOIL TO MEET THE REQUIRED FINAL GRADE CONTOURS.
- UPON COMPLETION OF THE TOPSOIL RESPREAD, RESTORE ALL DISTURBED AREAS WITH SEED, FERTILIZER AND EROSION MAT IN ACCORDANCE WITH SECTIONS 627, 628, 629 AND 630 OF THE "STATE SPECIFICATIONS".
- AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL TOPSOIL AND SUB-SOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

GRADING LEGEND

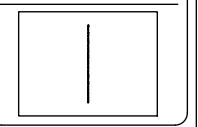
- 692— EXISTING CONTOURS
- 702— PROPOSED CONTOURS
- 804.85— PROPOSED FINISHED GRADES
- - - DRAINAGE SWALE CENTERLINE
- 5 DC-1 MEDIUM RIP RAP
- STONE DRIVEWAY

UTILITY NOTE

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10 NORTH BRIDGE STREET
CHIPPewa FALLS, WI 54729
PHONE: 715.720.6000
FAX: 451.490.2190
WWW.DIGGERSHOTLINE.COM



WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

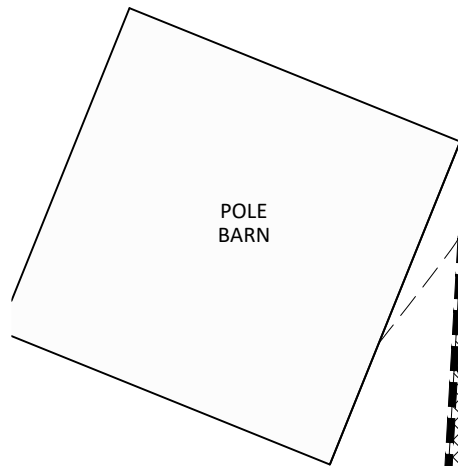
FILE NO. YORSU 153779
CLIENT PROJECT NO. -
PROJECT STATUS BID SET
ISSUE DATE APRIL, 2021
DESIGNED BY ALJ
DRAWN BY JWR

SHEET TITLE
SITE GRADING PLAN

SHEET
CC-4

Table 1 - Maximum Period of Bare Soil Exposure for Slopes Exceeding 20%

Slope Area Drains to Sediment Basin or Sediment Trap?	Maximum Period of Bare Soil Exposure (Calendar Days)	
	Land Disturbance Between September 16th and May 1st	Land Disturbance Between May 2nd and September 15th
Yes	90	90
No	60	30



BUILDING #80
F.F.F. = 767.50
F.Y.G. = 766.83

STRUCTURE #13
TOP OF LIFT STATION = 767.50
F.Y.G. = 766.83

STRUCTURE #30
TOP OF WALL = 771.00
F.F.F. = 767.00
F.Y.G. = 766.67 - 766.33
TANK BASE = 748.00

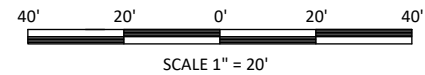
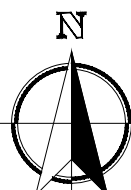
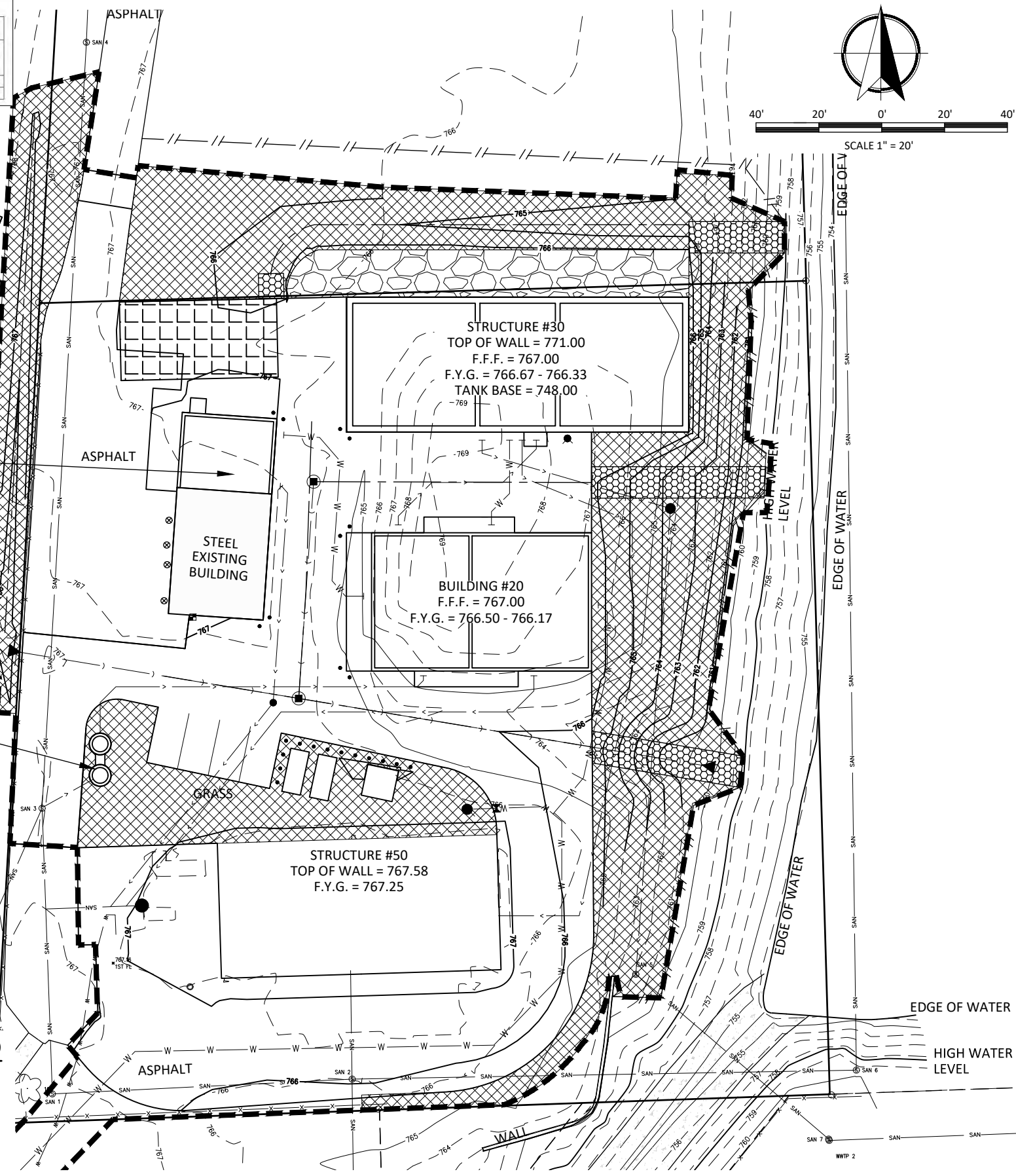
STEEL EXISTING BUILDING

BUILDING #20
F.F.F. = 767.00
F.Y.G. = 766.50 - 766.17

STRUCTURE #50
TOP OF WALL = 767.58
F.Y.G. = 767.25

EROSION CONTROL LEGEND

- 692— EXISTING CONTOURS
- 702— PROPOSED CONTOURS
- //— SILT FENCE
- 1 DC-1 MEDIUM RIP RAP
- 5 DC-1 EROSION MAT - TYPE 1, CLASS A, URBAN
- 2/3 DC-1 STONE TRACKING PAD
- 4 DC-1 DISTURBANCE LIMITS (71,728 SF = 1.65 AC)



EROSION & SEDIMENT CONTROL NOTES

THE EROSION AND SEDIMENT CONTROL PROVISIONS DETAILED ON THE DRAWINGS AND SPECIFIED HEREIN ARE THE MINIMUM REQUIREMENTS FOR EROSION CONTROL.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE ANY REVISIONS, ADJUSTMENTS OR PROPOSED ALTERATIONS TO THE CONSTRUCTION SEQUENCING AND/OR EROSION CONTROL PLANS. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND REGULATORY OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL PLAN. MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO BEST MANAGEMENT PRACTICES (BMP'S). ALL SIGNIFICANT DEVIATIONS FROM THE PLANS MUST BE SUBMITTED AND APPROVED BY THE VILLAGE OF YORKVILLE.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE, REPAIR AND REMOVAL OF ALL EROSION CONTROL DEVICES REQUIRED FOR THE PROJECT WHICH SHALL BE DONE IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND VILLAGE OF YORKVILLE ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD CONDITIONS. SEE VILLAGE OF YORKVILLE AND WDNR EROSION CONTROL PERMITS FOR ADDITIONAL DETAILS OR REQUIREMENTS.

ALL EROSION AND SEDIMENT CONTROL MEASURES AND DEVICES SHALL BE INSPECTED BY THE CONTRACTOR AS REQUIRED IN THE WISCONSIN ADMINISTRATIVE CODE (SPS 360.21) AND MAINTAINED PER SPS 360.22.

INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY. THE CONTRACTOR SHALL CHECK THE EROSION AND SEDIMENT CONTROL PRACTICES FOR MAINTENANCE NEEDS AT ALL THE FOLLOWING INTERVALS UNTIL THE SITE IS STABILIZED:

- A. AT LEAST WEEKLY.
- B. WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. A RAINFALL EVENT SHALL BE CONSIDERED TO BE THE TOTAL AMOUNT OF RAINFALL RECORDED IN ANY CONTINUOUS 24-HOUR PERIOD. ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5 INCHES IMMEDIATELY REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.

THE CONTRACTOR SHALL MAINTAIN A MONITORING RECORD WHEN THE LAND DISTURBING CONSTRUCTION ACTIVITY INVOLVES ONE OR MORE ACRES. THE MONITORING RECORD SHALL CONTAIN AT LEAST THE FOLLOWING INFORMATION:

- A. THE CONDITION OF THE EROSION AND SEDIMENT CONTROL PRACTICES AT THE INTERVALS SPECIFIED ABOVE.
- B. A DESCRIPTION OF THE MAINTENANCE CONDUCTED TO REPAIR OR REPLACE EROSION AND SEDIMENT CONTROL PRACTICES. EROSION AND SEDIMENT CONTROL INSPECTIONS AND ENFORCEMENT ACTIONS MAY BE CONDUCTED BY WDNR, THE VILLAGE OF YORKVILLE OR THEIR AUTHORIZED AGENTS DURING AND AFTER THE CONSTRUCTION OF THIS PROJECT.

EROSION AND SEDIMENT CONTROL INSPECTIONS AND ENFORCEMENT ACTIONS MAY BE CONDUCTED BY THE WDNR, VILLAGE OF YORKVILLE OR THEIR AUTHORIZED AGENTS DURING AND AFTER THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE OR LOCAL INSPECTORS AND/OR THE ENGINEER OF RECORD, SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.

ALL SEDIMENT AND EROSION CONTROL DEVICES, INCLUDING PERIMETER EROSION CONTROL MEASURES SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE AND EXISTING INLET PROTECTION SHALL BE INSTALLED PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES UNTIL THE SITE HAS ESTABLISHED A VEGETATIVE COVER AND IS STABILIZED.

INSTALL SILT FENCE PER SECTION 628 OF THE "STATE SPECIFICATIONS" AND WDNR TECHNICAL STANDARD 1056 AT THE LOCATIONS SHOWN ON THE PLAN. ERECT SILT FENCE PRIOR TO STARTING A CONSTRUCTION OPERATION THAT MIGHT CAUSE SEDIMENTATION OR SILTATION AT THE SITE OF THE PROPOSED SILT FENCE. CONTRACTOR SHALL INSTALL SILT FENCING AT DOWNSLOPE SIDE OF STOCKPILES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL REQUIRED SILT FENCE MATERIAL.

ALL PROPOSED STORM SEWER STRUCTURES AND ADJACENT EXISTING STORM INLETS SHALL HAVE A LAYER OF GEOTEXTILE FABRIC (TYPE "FF") INSTALLED BETWEEN THE FRAME & GRATE TO PREVENT SEDIMENT OR SILT FROM ENTERING THE SYSTEM. THE INLET PROTECTION SHALL BE INSPECTED BY THE CONTRACTOR AND REPLACED EVERY 14 DAYS AND AFTER EACH RAINFALL EVENT. FABRIC TO BE REPLACED AS NEEDED TO MEET FIELD CONDITIONS.

THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING WIND EROSION (DUST) DURING CONSTRUCTION AT HIS/HER EXPENSE (WHEN NECESSARY OR AS REQUIRED BY LOCAL INSPECTORS AND/OR ENGINEER OF RECORD).

EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):

- A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
- B. BACKFILL, COMPACT AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
- C. ANY WATER PUMPED FROM PITS, TRENCHES, WELLS OR PONDS SHALL BE DISCHARGED INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061 AND BMP'S PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM OR DRAINAGE DITCH. PUMPED WATER CAN BE TREATED IN FILTER BAGS, STONE FILTERS OR SIMILAR DEVICES. QUALITY OF PUMPED WATER SHALL BE CONTINUOUSLY MONITORED DURING PUMPING OPERATIONS.

CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATION(S) WITH THE PROPER AUTHORITIES, PROVIDE NECESSARY FEES AND OBTAIN ALL REQUIRED APPROVALS OR PERMITS. ADDITIONAL CONSTRUCTION ENTRANCES, OTHER THAN SHOWN ON THE PLANS, MUST HAVE PRIOR APPROVAL BY THE VILLAGE OF YORKVILLE.

DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.

ALL EXPOSED SOIL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 DAYS AND REQUIRE VEGETATIVE COVER FOR LESS THAN 1 YEAR, REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059 AND VILLAGE OF YORKVILLE ORDINANCE.

EXCESS SOILS ARE TO BE HAULED OFF SITE OR ENCLOSED WITH AN APPROVED SEDIMENT CONTROL DEVICE WITHIN 24 HOURS.

IF TOPSOIL STOCKPILE REMAINS UNDISTURBED FOR MORE THAN SEVEN (7) DAYS, TEMPORARY SEEDING AND STABILIZATION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES IS REQUIRED. IF DISTURBANCE OCCURS AFTER NOVEMBER 15TH AND BEFORE MAY 15TH, TYPE A SOIL STABILIZER SHALL BE USED.

ALL DISTURBED AREAS, SHALL BE STABILIZED WITH CLASS 1, TYPE A EROSION MATTING. EROSION MATTING AND/OR NETTING USED ON SITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052.

PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEPED AND/OR SCRAPPED TO REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST AT THE END OF EACH WORK DAY AND AS REQUESTED BY THE VILLAGE OF YORKVILLE.

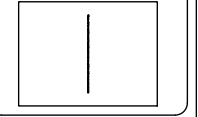
EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.

UTILITY NOTE

EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND / OR TO AVOID DAMAGE THERETO, CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.



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WASTEWATER TREATMENT PLANT

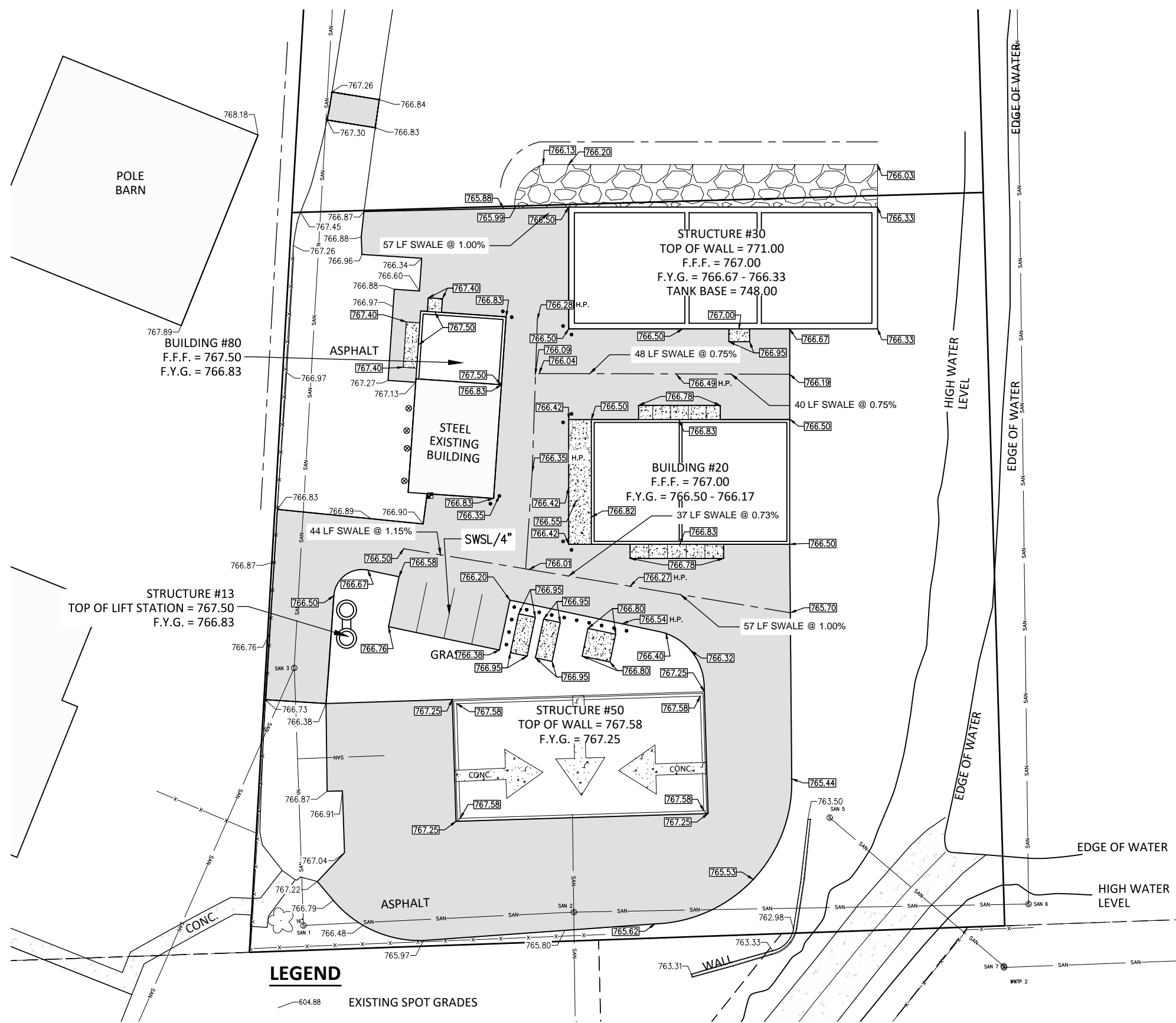
YORKVILLE, WISCONSIN

REVISIONS

FILE NO. YORSU 153779
CLIENT PROJECT NO. -
PROJECT STATUS BID SET
ISSUE DATE APRIL, 2021
DESIGNED BY ALJ
DRAWN BY JWR

SHEET TITLE
SITE EROSION CONTROL PLAN

SHEET
CC-5

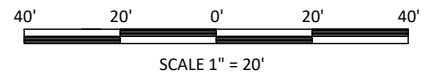


LEGEND

- 604.88 EXISTING SPOT GRADES
- 804.85 PROPOSED FINISHED GRADES
- 1 DC-2 HEAVY-DUTY ASPHALT PAVEMENT
- 2 DC-2 ASPHALT PAVEMENT PATCH
- 4 DC-2 HEAVY-DUTY CONCRETE PAVEMENT
- STONE DRIVEWAY
- DRAINAGE SWALE CENTERLINE



PAVEMENT MARKING LEGEND
 SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE EACH



GENERAL NOTES

CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE A MINIMUM OF 3 DAYS BEFORE THE START OF CONSTRUCTION TO IDENTIFY ANY UNDERGROUND UTILITIES PRESENT AT THE SITE. THE LOCATION OF EXISTING PRIVATE UTILITIES MAY NOT BE SHOWN ON THE PLANS AND SHOULD BE LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

ANY AND ALL SIDEWALKS, CURBS OR PAVEMENTS DISTURBED DURING CONSTRUCTION SHALL BE SAW CUT AT THE NEAREST JOINT AND REPLACED IN KIND PER THE "STATE SPECIFICATIONS".

AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

PAVEMENT SPECIFICATIONS

DENSE AGGREGATE BASE COURSE SHALL MEET THE REQUIREMENTS OF SECTION 305 OF THE "STATE SPECIFICATIONS". THE COMPLETED BASE SHALL BE IN ACCORDANCE WITH THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) OF THE PLAN SET AND SHALL BE CONSTRUCTED IN FOUR-INCH (4") LIFTS AND COMPACTED ACCORDING TO SUBSECTION 305.3.2.2 OF THE "STATE SPECIFICATIONS".

ASPHALTIC CONCRETE PAVEMENT SHALL BE WISDOT LT 58-28 S MEETING THE REQUIREMENTS OF SECTION 460 OF THE "STATE SPECIFICATIONS". PAVEMENT SHALL BE INSTALLED IN TWO (2) LIFTS IN ACCORDANCE WITH THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) OF THE PLAN SET. A TACK COAT SHALL BE INSTALLED BETWEEN THE LOWER AND UPPER COURSES IN ACCORDANCE WITH SECTION 455.3.2 OF THE "STATE SPECIFICATIONS".

CONCRETE FOR PAVEMENT(S), SIDEWALKS AND BUILDING APRONS SHALL BE GRADE A-FA, AIR-ENTRAINED, AS SPECIFIED IN SUBSECTION 501.3.1 OF THE "STATE SPECIFICATIONS". ALL EXTERIOR CONCRETE SHALL BE "READY-MIXED" AND RECEIVE A BROOM FINISH. ALL CONCRETE WORK SHALL BE CURED IN ACCORDANCE WITH THE REQUIREMENTS OF SUBSECTION 415.2.4 OF THE "STATE SPECIFICATIONS".

LIGHT-DUTY CONCRETE SHALL BE FIVE INCHES (5") IN THICKNESS ON FIVE INCHES (5") OF DENSE AGGREGATE BASE COURSE AND BE CONSTRUCTED IN ACCORDANCE WITH THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) OF THE PLAN SET.

HEAVY-DUTY CONCRETE SHALL BE EIGHT INCHES (8") IN THICKNESS ON SIX INCHES (6") OF DENSE AGGREGATE BASE COURSE IN ACCORDANCE WITH THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) OF THE PLAN SET.

CONTRACTION JOINTS SHALL BE FIVE-FOOT (5') INTERVALS FOR FIVE-FOOT (5') WIDE SIDEWALK. FINAL JOINTING PLAN FOR CONCRETE PAVEMENT TO BE PREPARED BY THE CONTRACTOR.

EXPANSION JOINTS SHALL BE PLACED AS OUTLINED IN SUBSECTION 601.3.6 OF THE "STATE SPECIFICATIONS". FILLER MATERIAL FOR EXPANSION JOINTS SHALL BE 1/2" FIBER MATERIAL.

CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLES, VALVE BOXES, ETC.) TO MATCH THE FINISHED GRADES OF THE AREA AFFECTED BY THE CONSTRUCTION.

PAVEMENT MARKING NOTES

CONTRACTOR SHALL VERIFY PAVEMENT STRIPING COLOR WITH OWNER PRIOR TO CONSTRUCTION.

PROVIDE CONTRACTOR GRADE ACRYLIC PAINT FOR NEW ASPHALT OR COATED ASPHALT. ALL STRIPING SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

THOROUGHLY CLEAN SURFACES FREE OF DIRT, SAND, GRAVEL, OIL AND OTHER FOREIGN MATTER. CONTRACTOR RESPONSIBLE TO INSPECT PAVEMENT SURFACE FOR CONDITIONS AND DEFECTS THAT WILL ADVERSELY AFFECT QUALITY OF WORK AND WHICH CANNOT BE PUT INTO AN ACCEPTABLE CONDITION NORMAL PREPARATORY WORK AS SPECIFIED.

DO NOT PLACE MARKING OVER UNSOUND PAVEMENTS. IF THESE AREAS EXIST, NOTIFY OWNER. STARTING INSTALLATION CONSTITUTES CONTRACTOR'S ACCEPTANCE OF SURFACE AS SUITABLE FOR INSTALLATION.

LAYOUT MARKINGS USING GUIDE LINES, TEMPLATES AND FORMS. STENCILS AND TEMPLATES SHALL BE PROFESSIONALLY MADE TO INDUSTRY STANDARDS. "FREE HAND" PAINTING OF ARROWS, SYMBOLS, OR WORDING SHALL NOT BE ALLOWED. APPLY STRIPES STRAIGHT AND EVEN.

PROTECT ADJACENT CURBS, WALKS, FENCES, AND OTHER ITEMS FROM OVERSPRAY PAINT.

APPLY MARKING PAINT AS A RATE OF ONE (1) GALLON PER THREE TO FOUR HUNDRED (300-400) LINEAL FEET OF FOUR (4) INCH WIDE STRIPES (OR TO MANUFACTURER'S SPECIFICATIONS).

BARRICADE MARKED AREAS DURING INSTALLATION AND UNTIL THE MARKING PAINT IS DRIED AND READY FOR TRAFFIC.

ALL HANDICAPPED ACCESSIBLE PARKING SHALL BE LOCATED PER 2009 IBC 1106.6.

PAVEMENT STRIPING AND HANDICAPPED ACCESSIBLE SYMBOLS SHALL BE INSTALLED WITH WISCONSIN DOT APPROVED TRAFFIC PAINT IN ACCORDANCE WITH SECTION 646 OF THE "STATE SPECIFICATIONS". ALL PARKING STALL STRIPING SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER. SEE THE TYPICAL SECTIONS AND CONSTRUCTION DETAILS SHEET(S) OF THE PLAN SET FOR ADDITIONAL INFORMATION REGARDING PAVEMENT MARKINGS.

UTILITY NOTE

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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

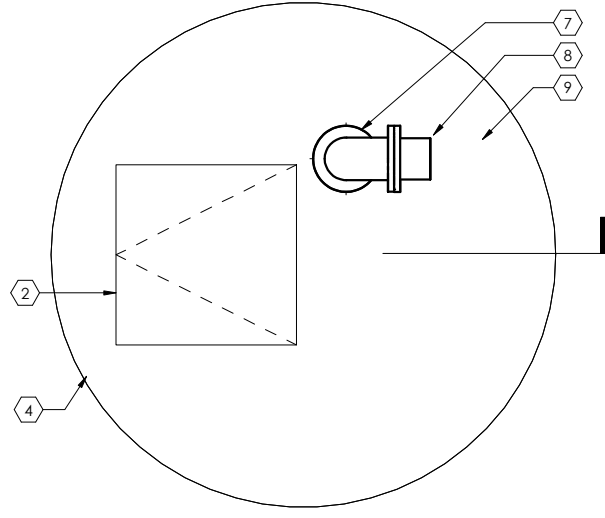
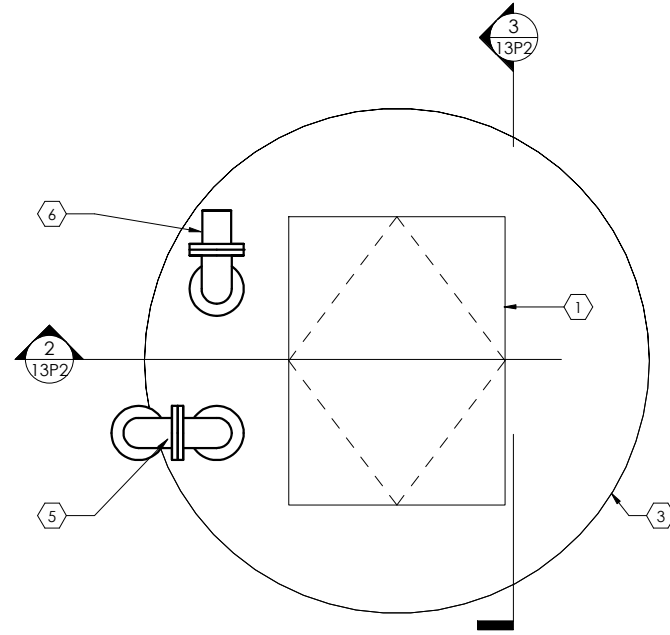
REVISIONS

FILE NO. YORSU 153779
 CLIENT PROJECT NO. 1
 PROJECT STATUS BID SET
 ISSUE DATE APRIL, 2021
 DESIGNED BY ALJ
 DRAWN BY JWR

SHEET TITLE
 SITE PAVEMENT GRADING PLAN

SHEET
 CC-6

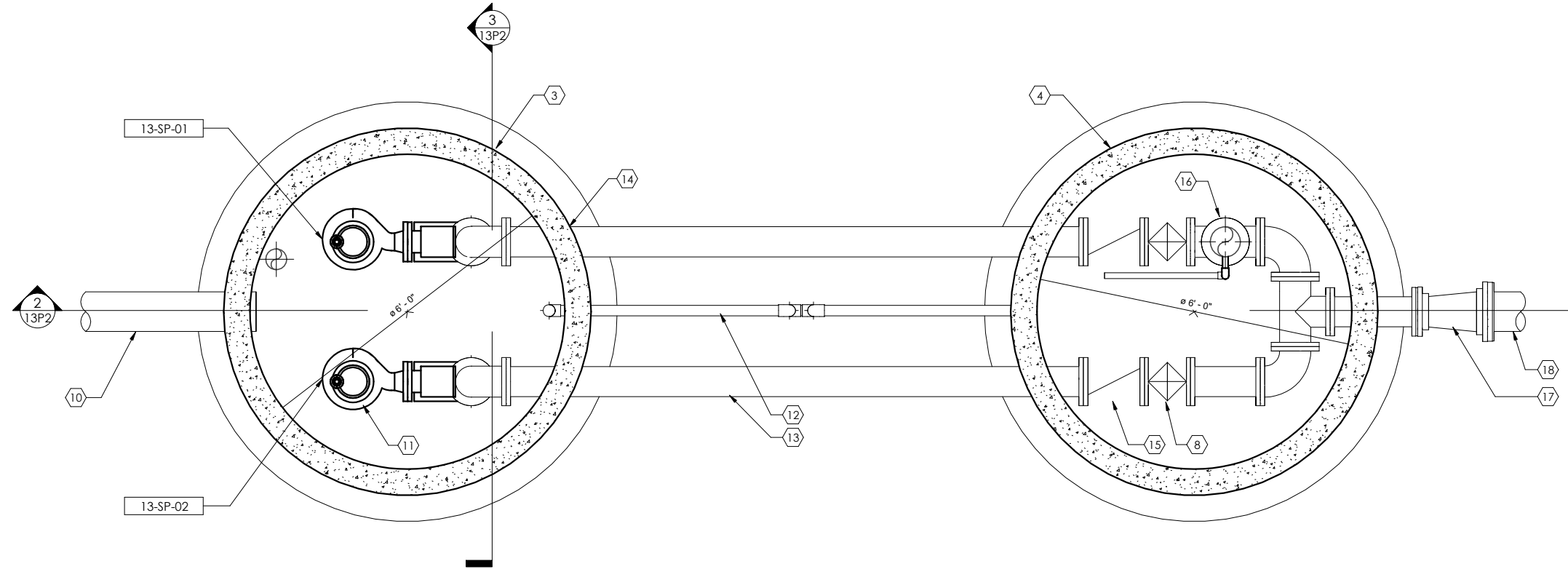
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1
13P1
AT GRADE PLAN
3/4" = 1'-0"
0 2 4 8



- KEYNOTES:**
- 1 3'x4' LOCKABLE ALUMINUM HATCH w/ SAFETY GRATING
 - 2 3'x3' LOCKABLE ALUMINUM HATCH w/ SAFETY GRATING
 - 3 6' DIAMETER PRECAST CONCRETE WETWELL
 - 4 6' DIAMETER PRECAST CONCRETE VALVE VAULT
 - 5 4" VENT w/ #4 SS SCREEN
 - 6 4" WETWELL SUCTION w/ 4" CAMLOCK CONNECTION AND CAP
 - 7 6" DIP BYPASS PIPE
 - 8 6" PLUG VALVE
 - 9 6" CAMLOCK CONNECTION w/ CAP
 - 10 8" PVC INFLUENT SEWER
 - 11 SUBMERSIBLE PUMP
 - 12 2" SCH 40 PVC DRAIN
 - 13 6" DIP
 - 14 6" MANHOLE BOOT - TYP
 - 15 6" SWING CHECK VALVE
 - 16 6x6 TEE
 - 17 8x6 MJ REDUCER
 - 18 8" DIP TO TREATMENT BUILDING - SEE SITE PLAN FOR CONTINUATION



2
13P1
BELOW GRADE PLAN
3/4" = 1'-0"
0 2 4 8



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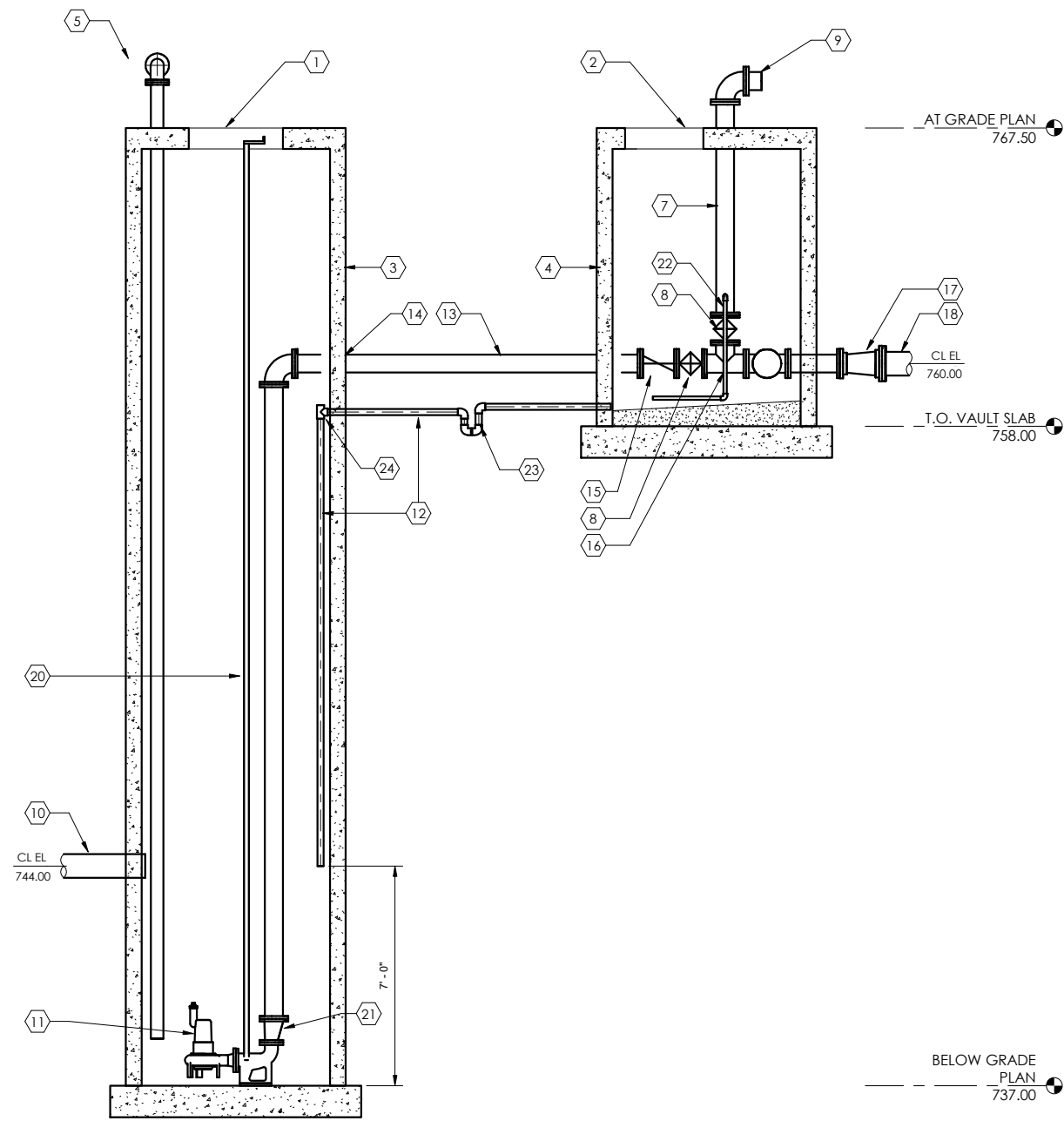
WASTEWATER TREATMENT PLANT
YORKVILLE, WISCONSIN

MARK	DATE	DESCRIPTION

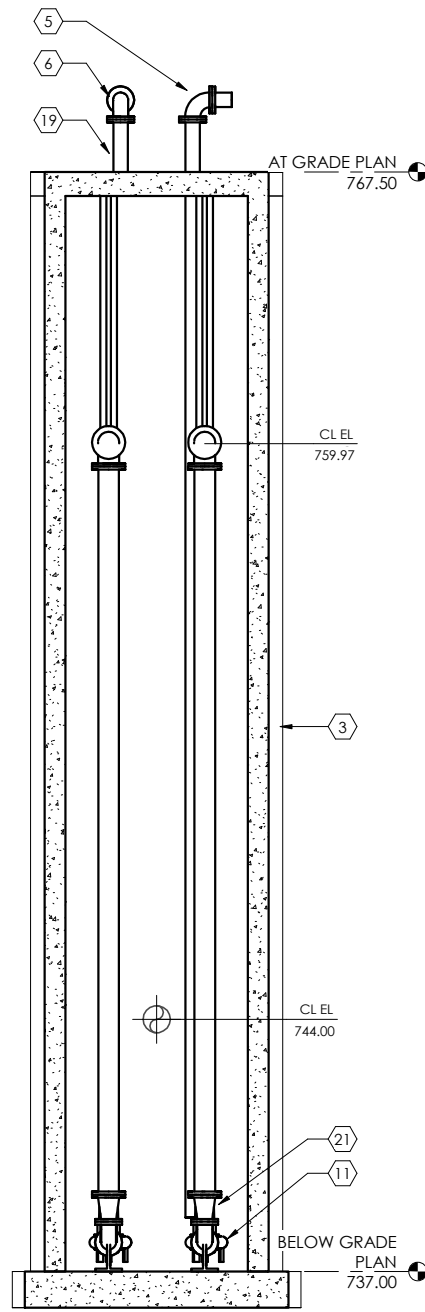
FILE NO. YORSU 153779
CLIENT PROJECT NO. BID SET
PROJECT STATUS APRIL, 2021
ISSUE DATE DS
DESIGNED BY LAP
DRAWN BY

SHEET TITLE
YORKVILLE WWTP
LIFT STATION

SHEET
13P1



2
13P2
3/8" = 1'-0"
0 2 4 8'



3
13P2
3/8" = 1'-0"
0 2 4 8'

KEYNOTES:

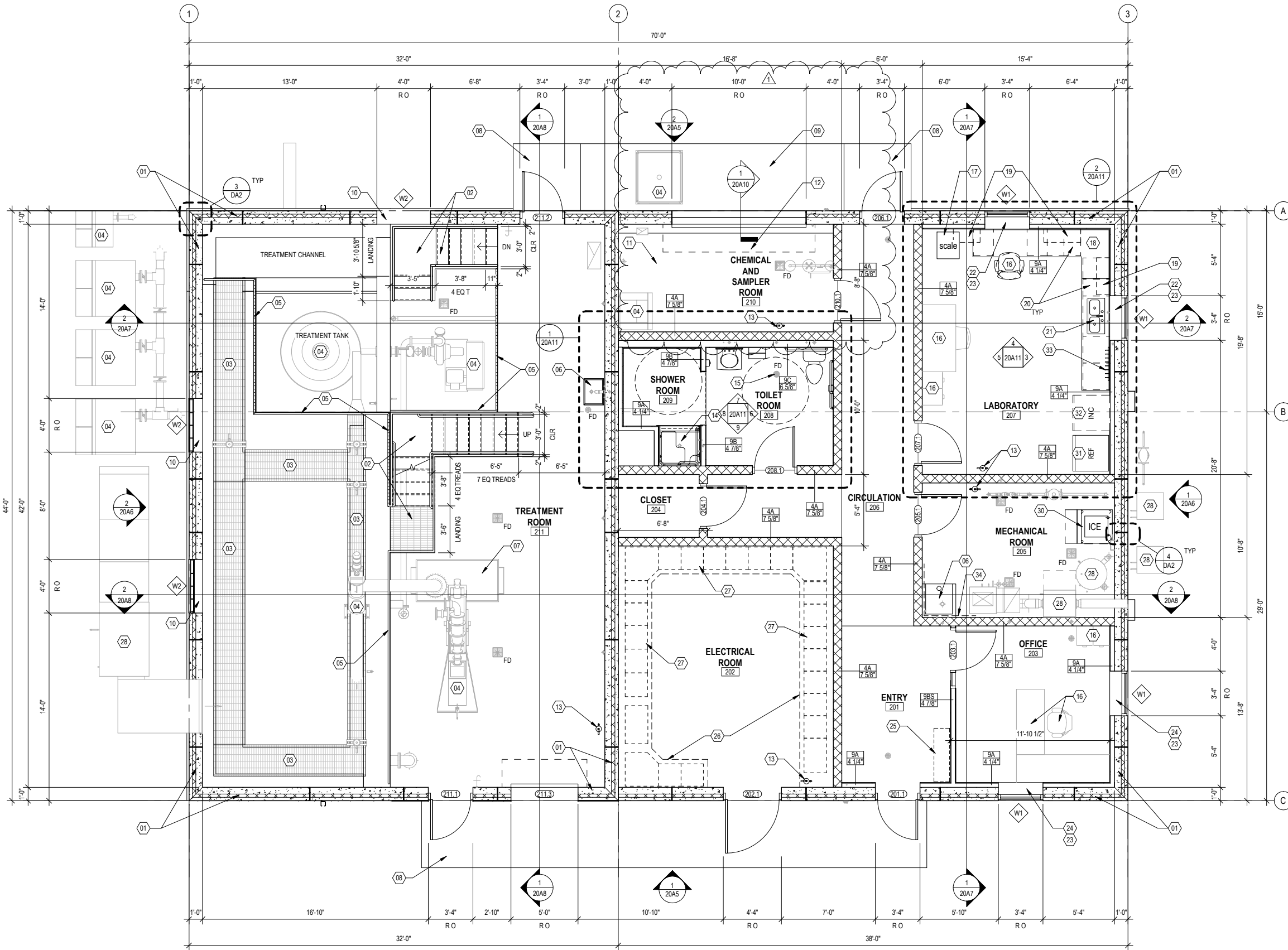
- 1 3'x4' LOCKABLE ALUMINUM HATCH w/ SAFETY GRATING
- 2 30"X30" LOCKABLE ALUMINUM HATCH w/ SAFETY GRATING
- 3 6' DIAMETER PRECAST CONCRETE WETWELL
- 4 6' DIAMETER PRECAST CONCRETE VALVE VAULT
- 5 4" VENT w/ #4 SS SCREEN
- 6 4" WETWELL SUCTION w/ 4" CAMLOCK CONNECTION AND CAP
- 7 6" DIP BYPASS PIPE
- 8 6" PLUG VALVE
- 9 6" CAMLOCK CONNECTION w/ CAP
- 10 8" PVC INFLUENT SEWER
- 11 SUBMERSIBLE PUMP
- 12 2" SCH 40 PVC DRAIN
- 13 6" DIP
- 14 6" MANHOLE BOOT - TYP
- 15 6" SWING CHECK VALVE
- 16 6x6 TEE
- 17 8x6 MJ REDUCER
- 18 8" DIP TO TREATMENT BUILDING - SEE SITE PLAN FOR CONTINUATION
- 19 EXTEND SUCTION PIPE TO 2' FROM WETWELL BOTTOM
- 20 STAINLESS STEEL PUMP GUIDERAILS
- 21 6x4 ECCENTRIC REDUCER w/ FLAT ALONG RAILS
- 22 1" SCH 80 PVC RISER PIPE DRAIN w/ PVC VALVE - ROUTE TO NEAR DRAIN
- 23 2" SCH 40 PVC P TRAP
- 23 2" SCH 40 PVC TEE w/ OPEN LEG FACING UP TO VENT



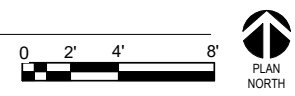
MARK	DATE	DESCRIPTION	REVISIONS

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL, 2021
ISSUE DATE	DS
DESIGNED BY	LAP
DRAWN BY	

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1 FLOOR PLAN - LEVEL 1
20A2 1/4" = 1'-0"



- GENERAL NOTES**
- ALL DIMENSIONS ARE TO FACE OF WALL UNLESS NOTED OTHERWISE.
 - SEE CODE PLAN FOR ANY FIRE-RATED WALL CONSTRUCTION REQUIREMENTS.
 - SEE ROOM FINISH SCHEDULE FOR WALL, CEILING AND FLOOR FINISHES.

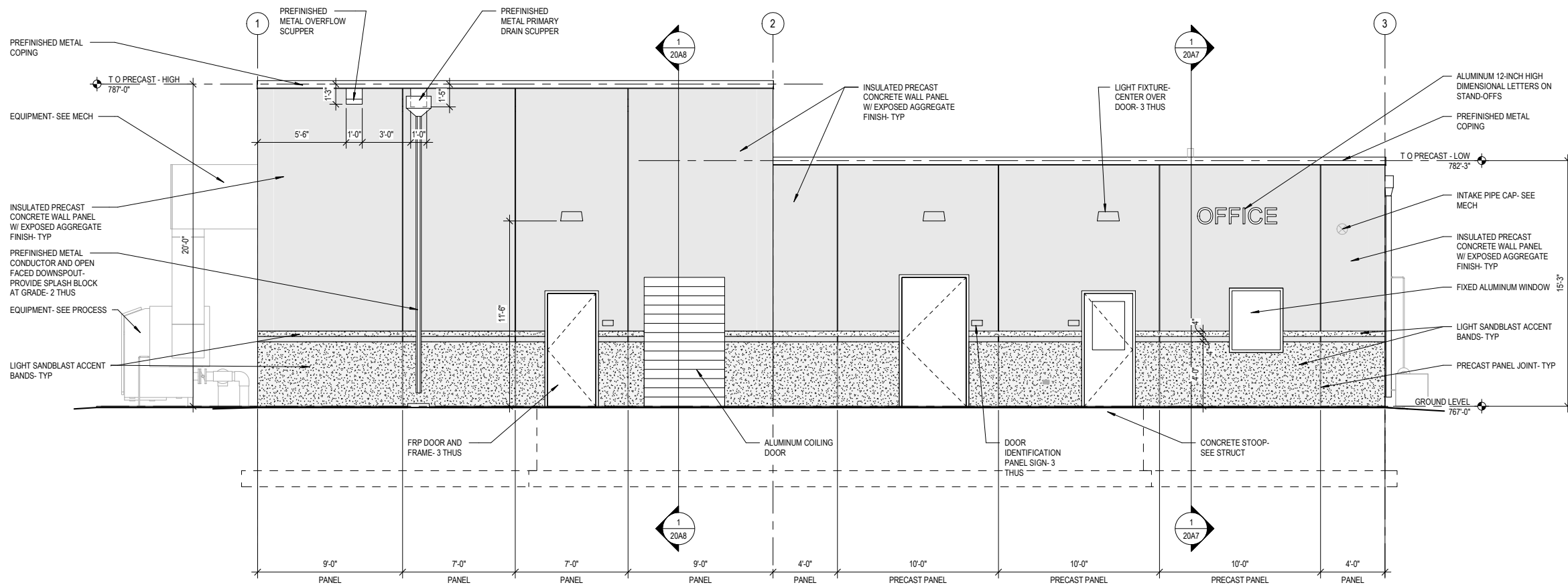
- KEYNOTES**
- INSULATED PRECAST CONCRETE WALL PANEL- SEE ELEVATIONS FOR EXTERIOR PANEL FINISH INFORMATION
 - ALUMINUM GRATE STAIR AND LANDING ASS'Y WITH ALUMINUM PIPE GUARD AND HANDRAIL- SEE STRUCT
 - RECESSED GRATING OVER PROCESS CHANNELS- SEE PROCESS AND STRUCT
 - EQUIPMENT- SEE PROCESS
 - ALUMINUM PIPE GUARDRAIL ASS'Y WITH TOE PLATE- SEE STRUCT
 - SERVICE SINK- SEE MECH
 - DUMPSTER BY OTHERS
 - CONCRETE STOOP- SEE STRUCT
 - CONCRETE APRON- SEE STRUCT
 - ALUMINUM CLIP ANGLE TRIM AT HEAD, JAMBS, SILL OF WINDOW- SEE DETAILS S & 60A1
 - PROVIDE CHEMICAL CONTAINMENT PIT BELOW- SEE STRUCT AND PROCESS FOR INFO
 - CHEMICAL TOTE STORAGE INSIDE OVERHEAD DOOR- SEE PROCESS FOR INFO
 - FIRE EXTINGUISHER WITH WALL BRACKET
 - ADA-COMPLIANT FIBERGLASS SHOWER STALL INSERT WITH GRAB BARS AND FOLDING SEAT- PROVIDE DEPRESSION IN CONCRETE SLAB TO ALLOW FOR ADA-COMPLIANT THRESHOLD CONDITION- COORDINATE SIZE AND DEPTH OF RECESS WITH SHOWER MANUFACTURER
 - FLOOR DRAIN- SEE MECH
 - FURNITURE- BY OTHERS
 - INSTALL OWNER FURNISHED SCALE TABLE
 - 1" THICK BLACK EPOXY RESIN COUNTERTOP WITH 4" BACKSPLASH- TYP
 - METAL WALL CABINETS WITH GLASS FRONT DOOR AND ADJUSTABLE SHELF- TYP
 - METAL BASE CABINETS WITH ADJUSTABLE SHELF- SEE INTERIOR ELEVATIONS FOR ADDL INFORMATION
 - UNDERMOUNT ADA-COMPLIANT SINK BASIN- PROVIDE SINK BASE CABINET WITH REMOVABLE DOORS, TOE KICK AND CABINET BOTTOM TO ALLOW FOR CONVERSION TO ROLL-UNDER CONFIGURATION
 - 1/2" SOLID SURFACE WINDOW STOOL IN COLOR TO MATCH COUNTERTOPS
 - WINDOW BLINDS- TYP- FIELD VERIFY SIZE REQUIRED
 - 1/2" HARDWOOD WINDOW STOOL- STAIN TO MATCH DOOR
 - 48" LONG HANGER ROD AND SHELF
 - CONCRETE HOUSEKEEPING PAD- COORDINATE WITH STRUCT AND ELEC
 - ELECTRICAL EQUIPMENT- SEE ELEC
 - MECHANICAL EQUIPMENT- SEE MECH
 - NOT USED
 - INSTALL OWNER FURNISHED ICE MAKER
 - INSTALL OWNER FURNISHED REFRIGERATOR
 - INSTALL OWNER FURNISHED INCUBATOR
 - WALL MOUNTED EQUIPMENT DRYING RACK- SEE INTERIOR ELEVATIONS
 - 48" HIGH FRP PANEL ON WALL EXTENDING MIN 12-INCHES BEYOND END OF SINK ON EACH WALL- MOP CLIP STRIP ABOVE ON ONE SIDE
 - PAINTED GYPSUM BOARD CEILING
 - SUSPENDED ACOUSTICAL CEILING PANEL SYSTEM- TYP
 - EXTEND WALLS INDICATED WITH DASHED LINE, TO UNDERSIDE OF DECK ABOVE
 - PAINT EXPOSED STRUCTURE ABOVE
 - PREFINISHED METAL ROOF COPING- SLOPE TOP FOR DRAINAGE- TYP
 - FULLY ADHERED FLEECEBACKED TPO ROOF MEMBRANE OVER 1/2" COVER BOARD, SLOPED RIGID INSULATION, MIN 5" BASE RIGID INSULATION, VAPOR BARRIER (ADD SUBSTRATE BOARD AT METAL DECK CONDITION)
 - PREFINISHED METAL THRU-WALL DRAIN SCUPPER AND DOWNSPOUT- PROVIDE SPLASH BLOCK AT GRADE DISCHARGE POINT
 - PREFINISHED METAL THRU-WALL OVERFLOW SCUPPER
 - CONTINUOUS COUNTERFLASHING AT ROOF TO WALL TRANSITION- SEE DETAIL 4/20A10
 - INSULATION CRICKET @ 1/2" : 12" SLOPE



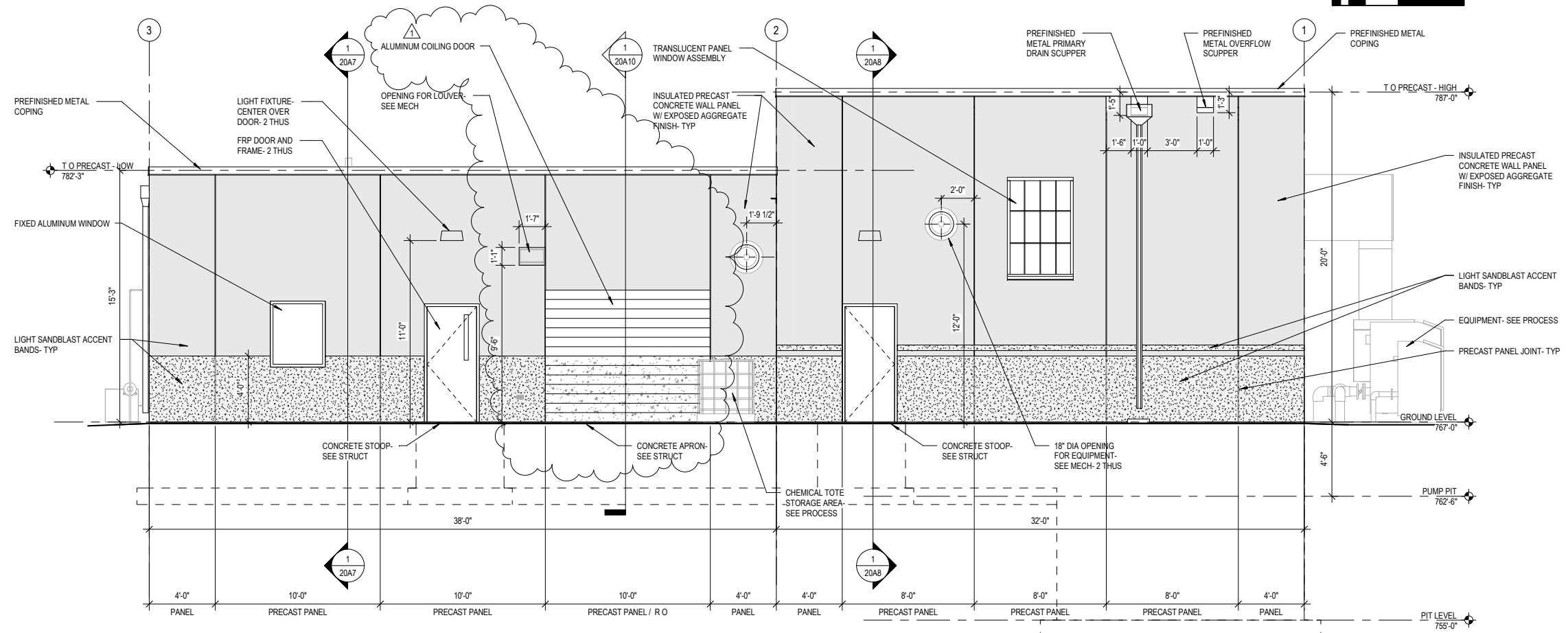
MARK	DATE	REVISIONS
1	05/14/2021	

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL 13, 2021
ISSUE DATE	TS
DESIGNED BY	TS
DRAWN BY	

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1 SOUTH ELEVATION
20A5 1/4" = 1'-0"



2 NORTH ELEVATION
20A5 1/4" = 1'-0"

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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

MARK	DATE	REVISIONS
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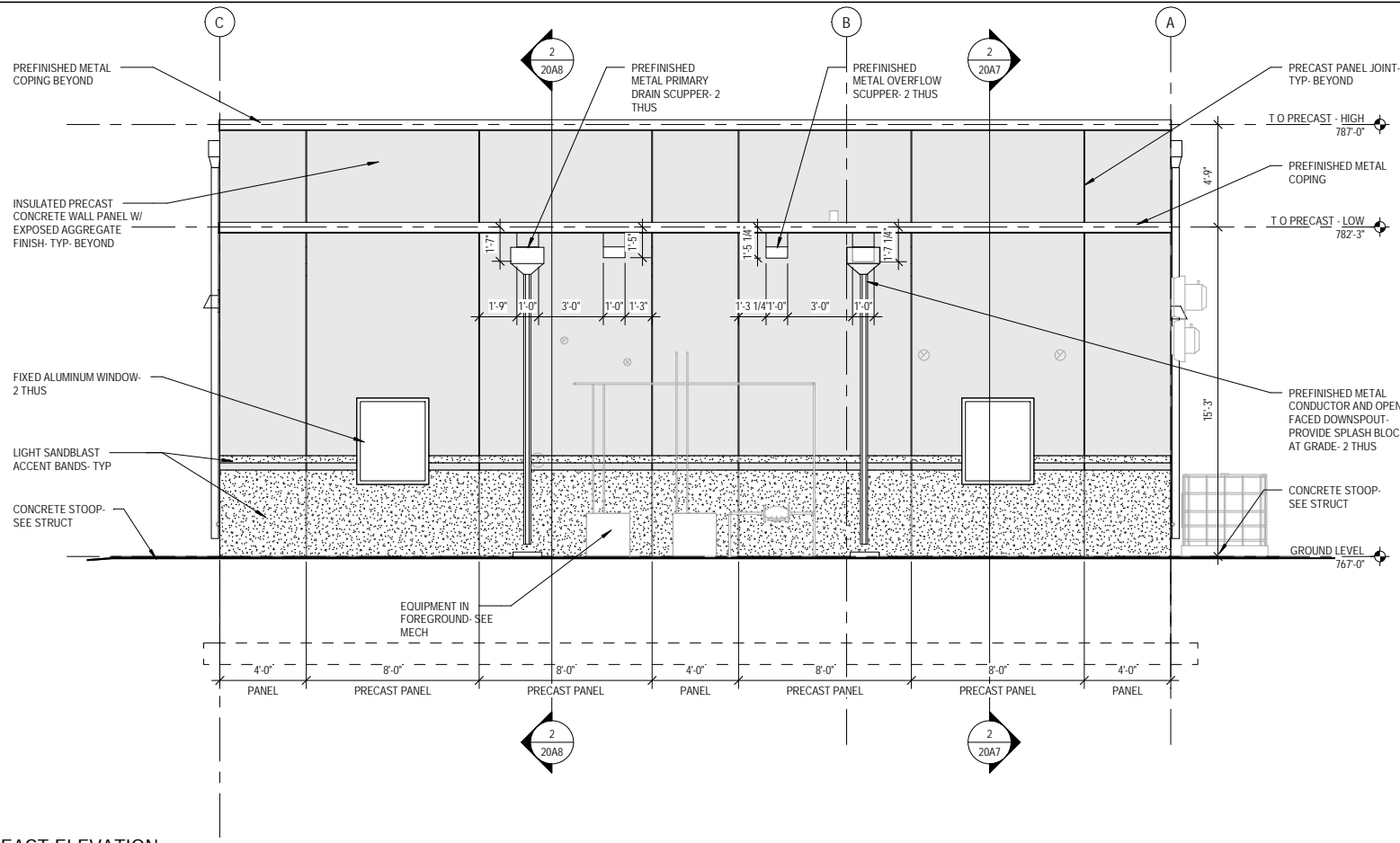
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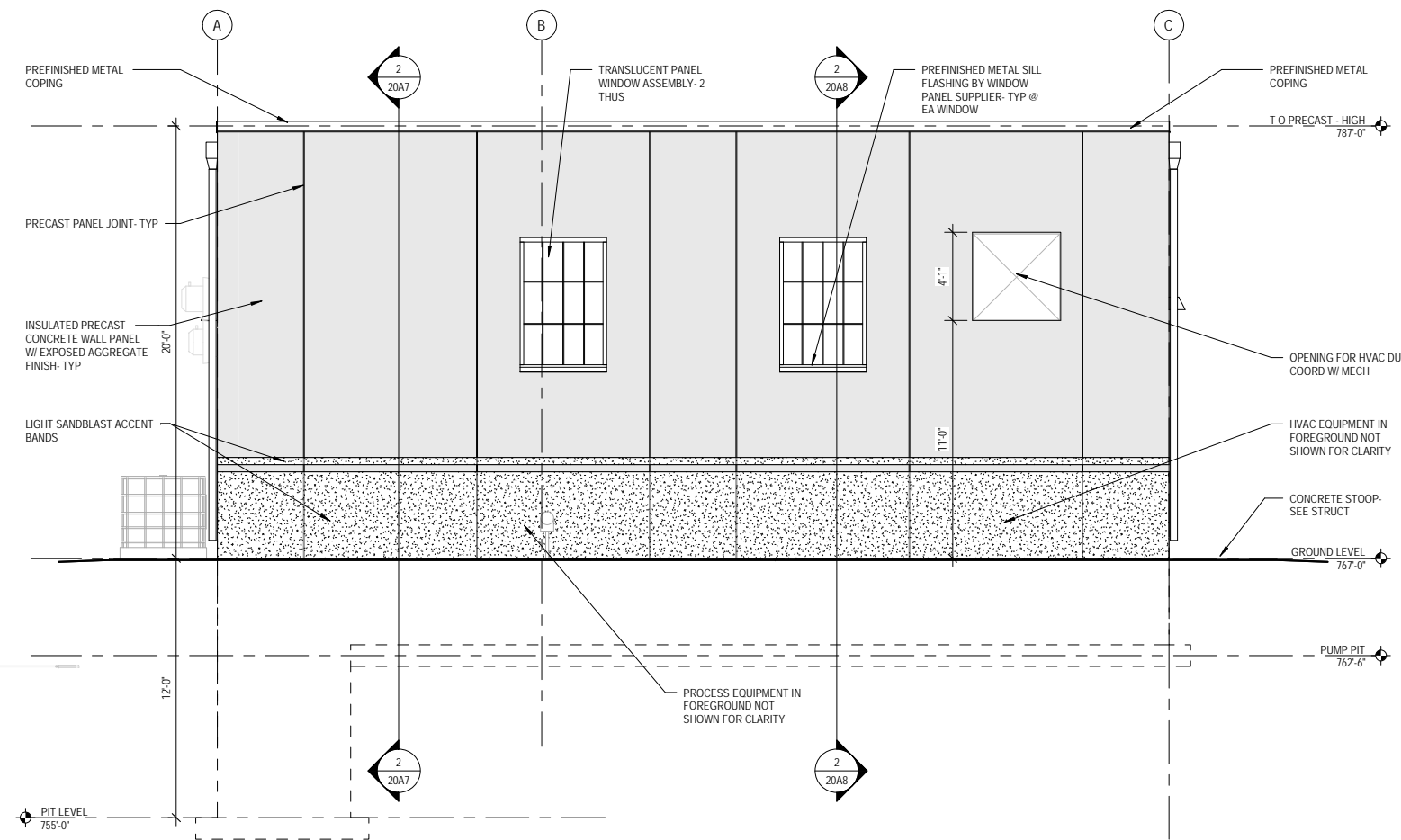
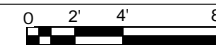
SHEET TITLE
YORKVILLE WWTP
TREATMENT BUILDING
EXTERIOR ELEVATIONS

SHEET
20A5

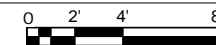
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1 EAST ELEVATION
20A6 1/4" = 1'-0"



2 WEST ELEVATION
20A6 1/4" = 1'-0"



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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

MARK	DATE	DESCRIPTION	REVISIONS

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL, 2021
ISSUE DATE	TS
DESIGNED BY	TS
DRAWN BY	TS

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SHEET TITLE
YORKVILLE WWTP
TREATMENT BUILDING
EXTERIOR ELEVATIONS

SHEET
20A6

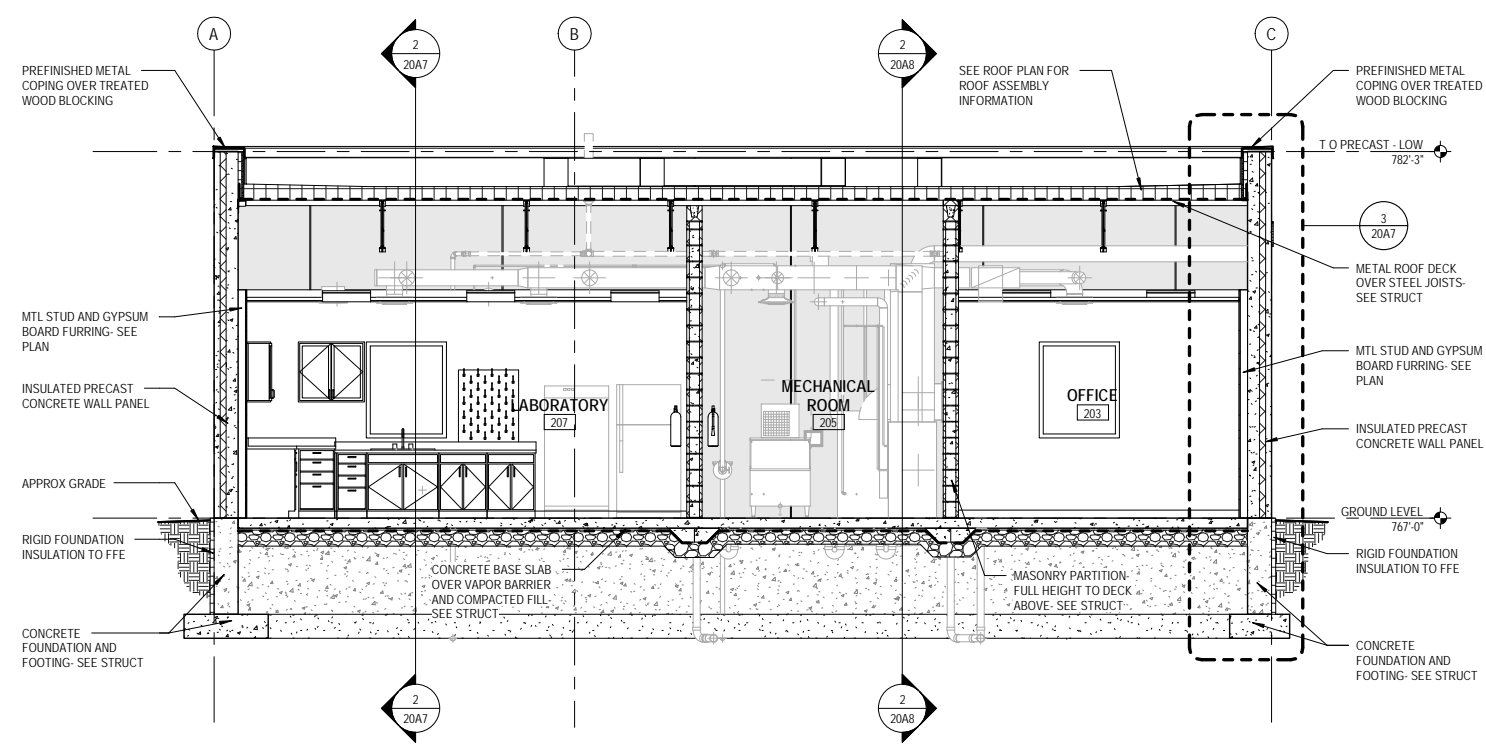


MARK	DATE	DESCRIPTION	REVISIONS

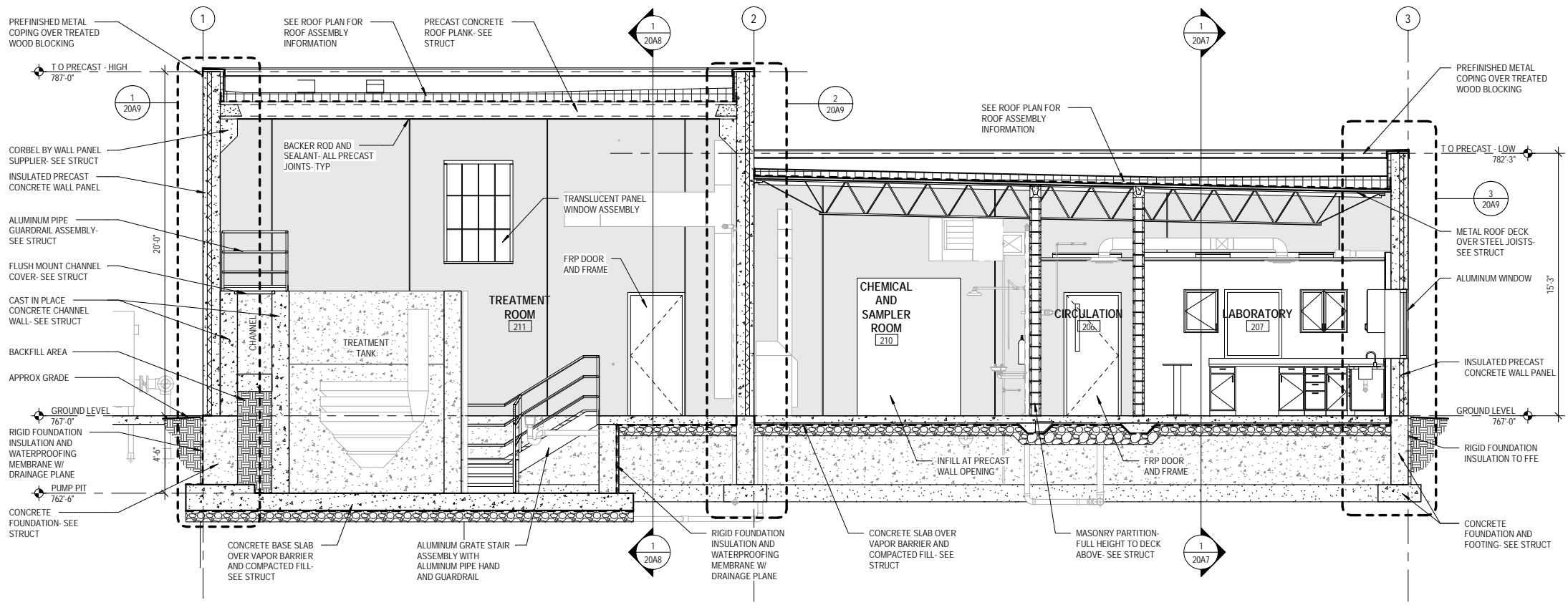
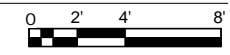
FILE NO.	YORSU 153779
CLIENT PROJECT NO.	
PROJECT STATUS	BID SET
ISSUE DATE	APRIL, 2021
DESIGNED BY	TS
DRAWN BY	TS

SHEET TITLE	YORKVILLE WWTP TREATMENT BUILDING SECTIONS
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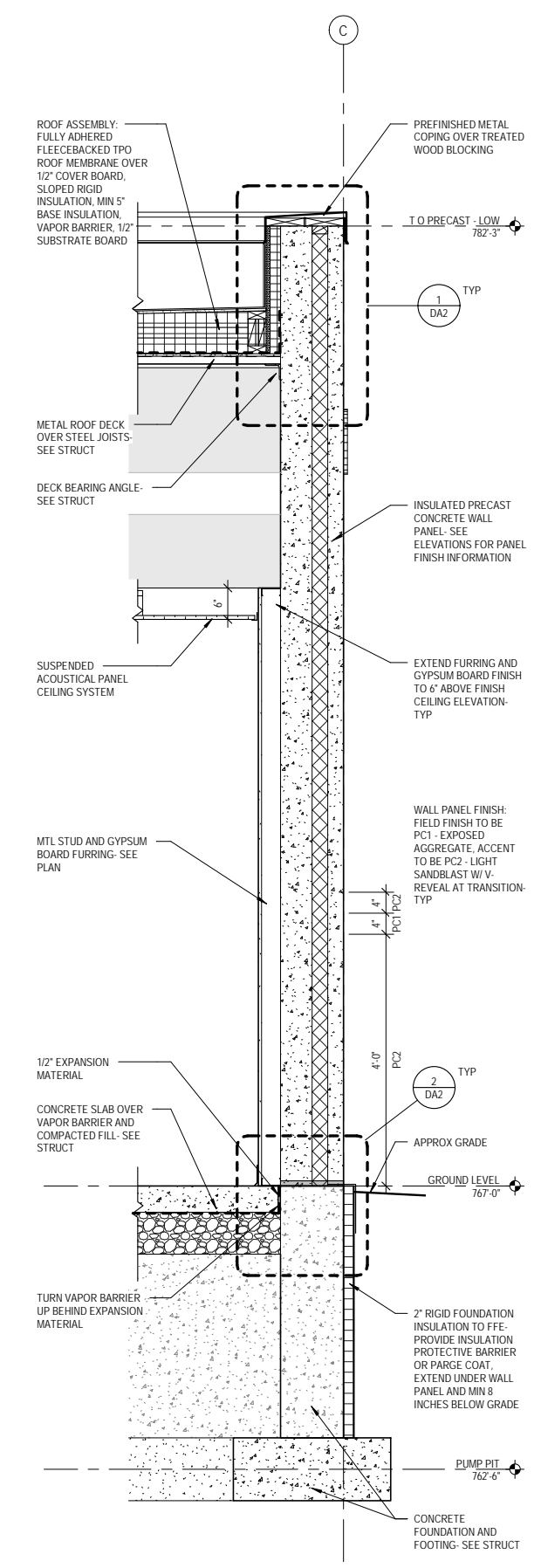
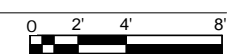
SHEET	20A7
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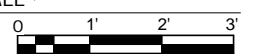
1 NORTH / SOUTH SECTION AT LAB
 1/4" = 1'-0"



2 EAST / WEST SECTION AT LAB
 1/4" = 1'-0"



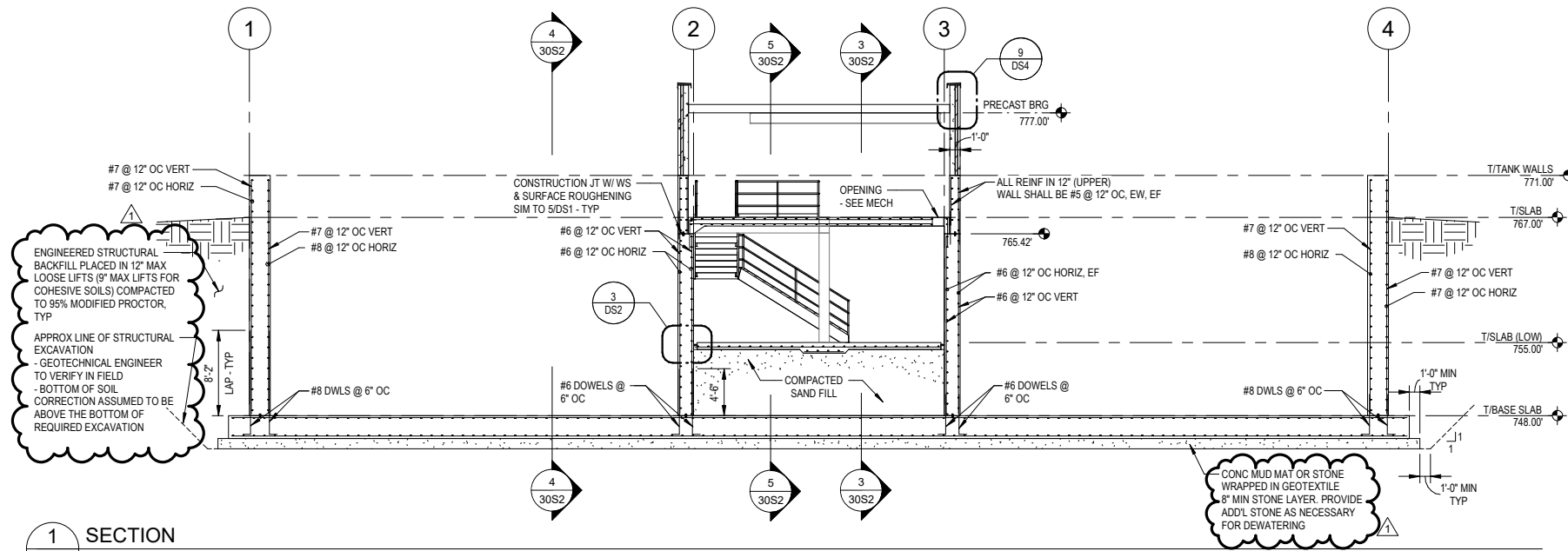
3 SECTION - OFFICE SOUTH WALL
 3/4" = 1'-0"



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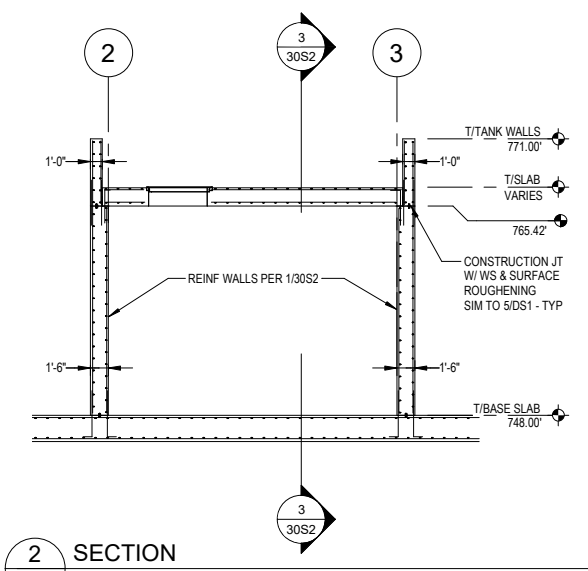
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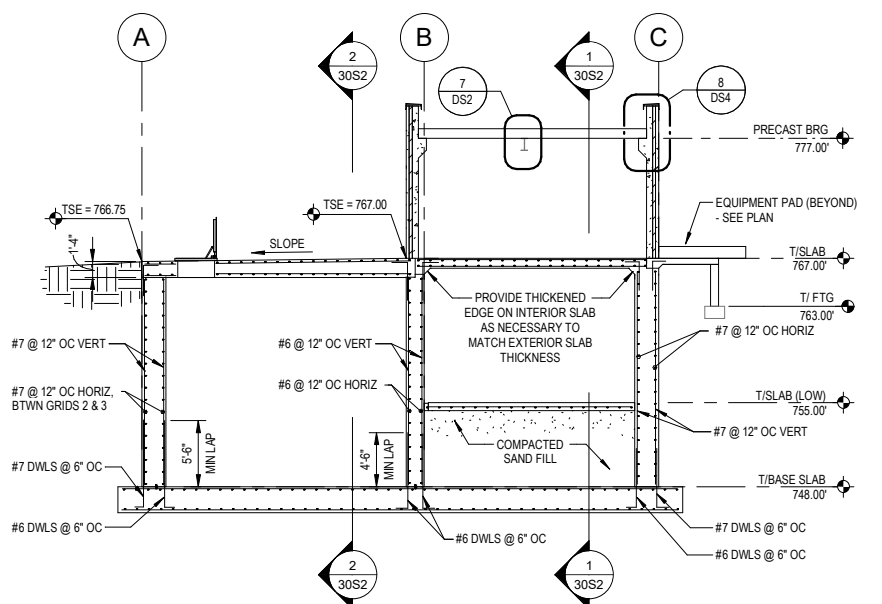


1 SECTION
 30S2 0 8' 4' 16'

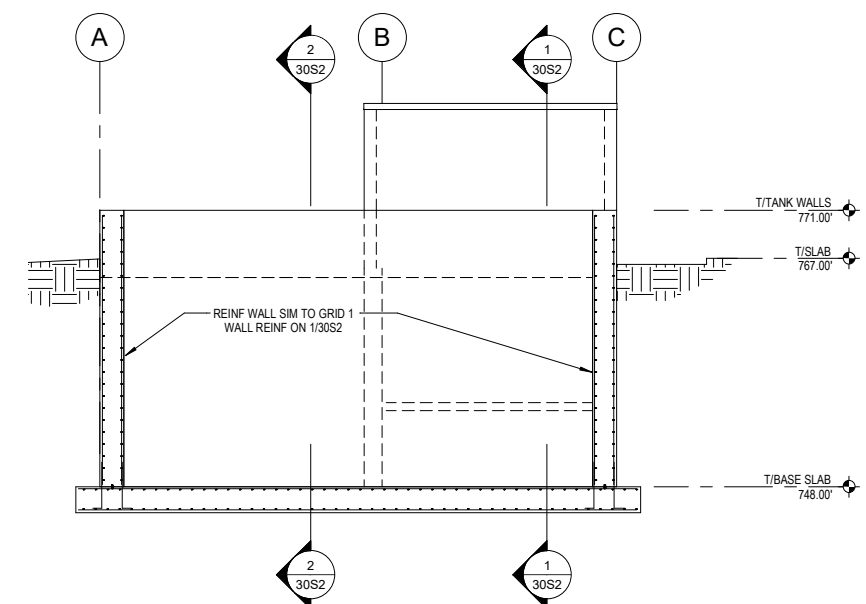
NOTES:
 1. SOIL CORRECTION AND EXCAVATION INFORMATION SHOWN IN THIS DETAIL IS REPRESENTATIVE OF THE ENTIRE BUILDING. THIS INFORMATION IS NOT SHOWN IN OTHER SECTION VIEWS, SHOULD BE ACCOUNTED FOR THERE ALSO.
 2. DEWATERING IS ANTICIPATED. REFER TO GEOTECHNICAL REPORT.
 3. THE BASIS OF PAYMENT FOR STRUCTURAL EXCAVATION AND ENGINEERED STRUCTURAL BACKFILL SHALL BE PER THE UNIT PRICES ON THE BID FORM. THE ESTIMATED QUANTITIES SHALL BE COMPACTED VOLUMES (NOT LOOSE).



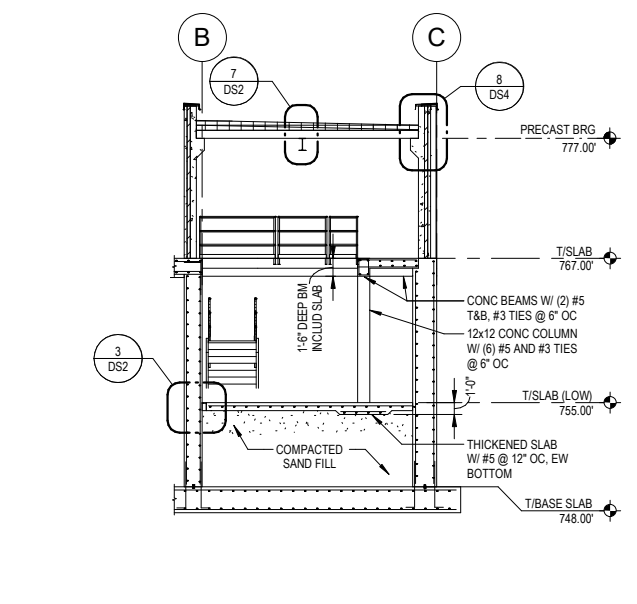
2 SECTION
 30S2 0 8' 4' 16'



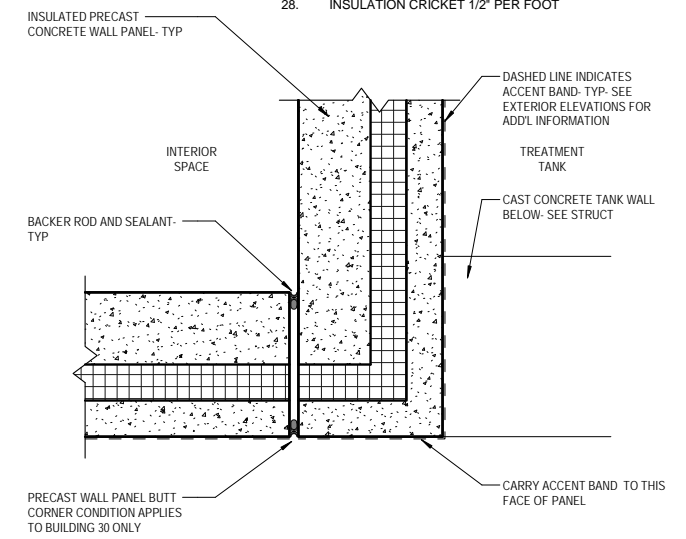
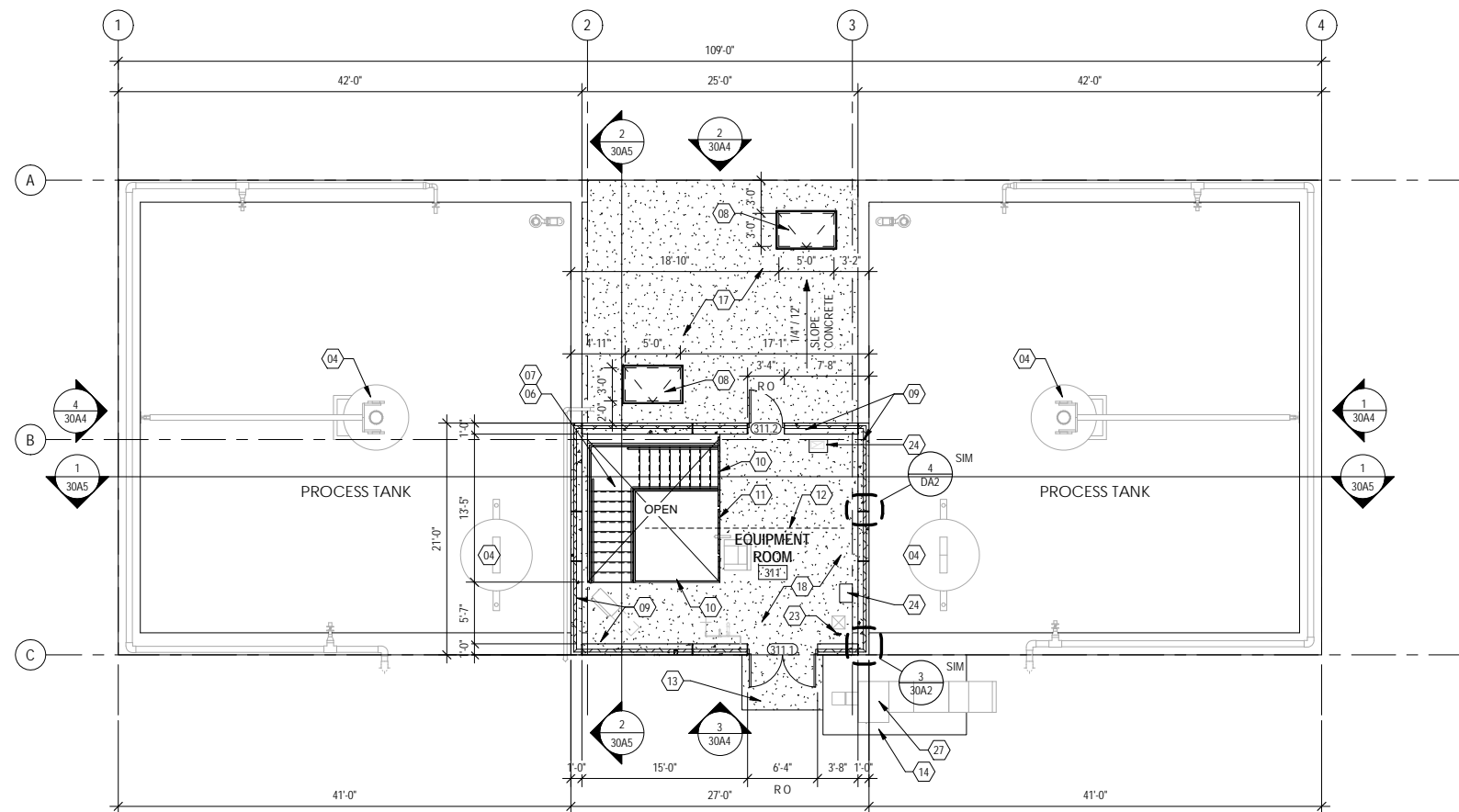
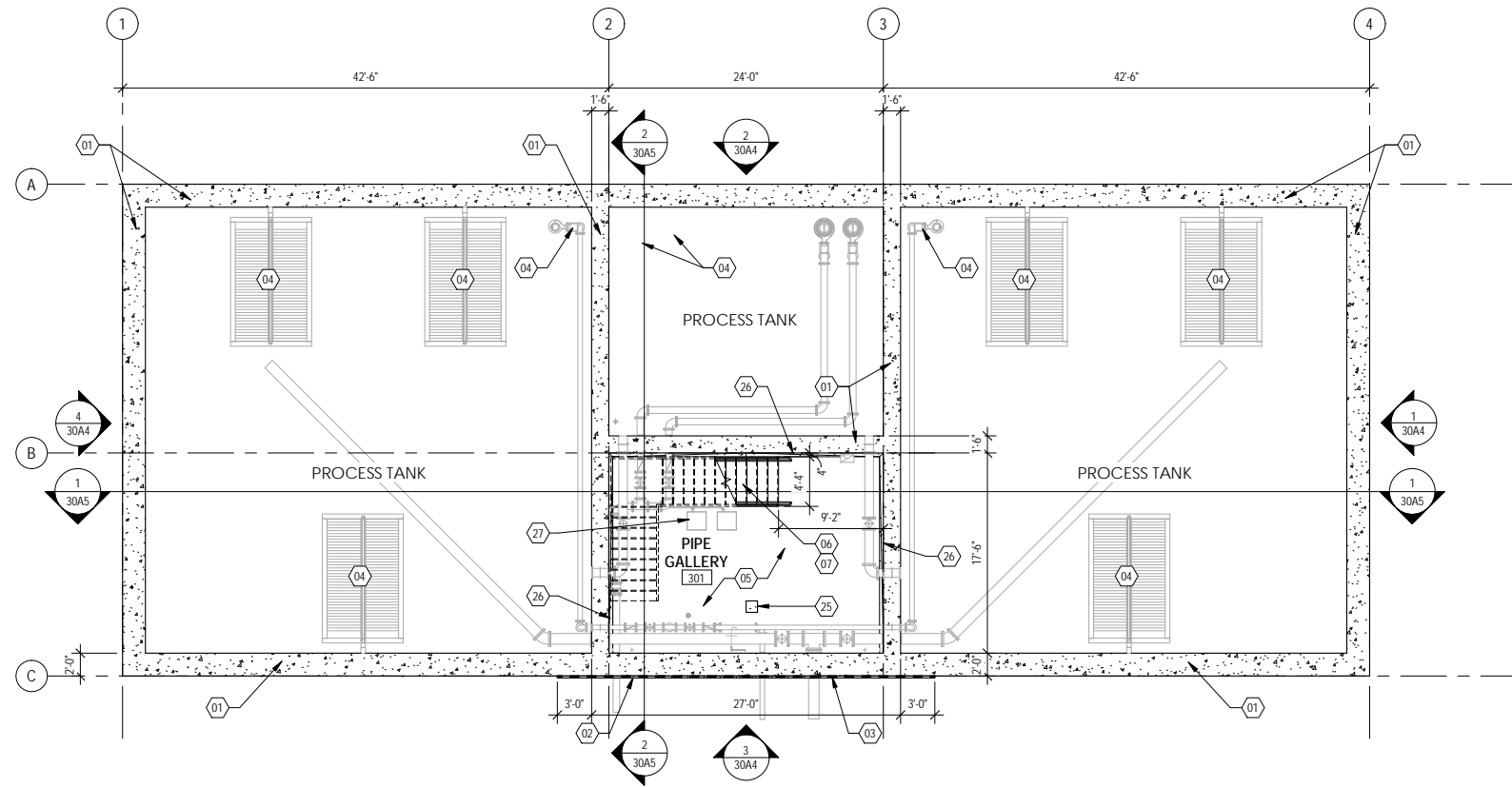
3 SECTION
 30S2 0 8' 4' 16'



4 SECTION
 30S2 0 8' 4' 16'



5 SECTION
 30S2 0 8' 4' 16'



GENERAL NOTES

- A. SEE ROOM FINISH SCHEDULE FOR FLOOR, WALL, AND CEILING FINISHES.
- B. ALL DIMENSIONS ARE TO FACE OF WALL U.N.O.
- C. SEE CODE PLAN FOR ANY FIRE-RATED WALL CONSTRUCTION REQUIREMENTS.

KEYNOTES (NOT ALL OCCUR ON EVERY SHEET)

- 01. CAST IN PLACE CONCRETE TANK WALL- SEE STRUCT
- 02. 2" RIGID FOUNDATION INSULATION- SEE SECTIONS FOR ADDL INFORMATION
- 03. DASHED LINE INDICATES EXTENT OF FOUNDATION WATERPROOFING AND DRAINAGE PLANE
- 04. EQUIPMENT- SEE PROCESS
- 05. CONCRETE SLAB OVER VAPOR BARRIER AND COMPACTED FILL- SEE STRUCT
- 06. ALUMINUM GRATE STAIR AND LANDING ASSEMBLY WITH ALUMINUM PIPE GUARD AND HANDRAIL- SEE STRUCT
- 07. PROVIDE SOLID ALUMINUM PLATE ATTACHED TO UNDERSIDE OF STAIR
- 08. FLUSH MOUNT ALUMINUM ACCESS HATCH WITH WEATHER SEALS- COORD W/ STRUCT
- 09. INSULATED PRECAST CONCRETE WALL PANEL- SEE ELEVATIONS FOR PANEL FINISH INFORMATION
- 10. ALUMINUM PIPE GUARDRAIL ASSY WITH TOE PLATE- SEE STRUCT
- 11. MIN 48-INCH WIDE SECTION OF REMOVABLE GUARDRAIL CENTERED ON MONORAIL ABOVE, COORD LOCATION WITH MONORAIL
- 12. MONORAIL BEAM AND HOIST ABOVE- SEE STRUCT
- 13. CONCRETE STOOP- SEE STRUCT
- 14. CONCRETE EQUIPMENT PAD- SEE STRUCT, COORD SIZE WITH MECH
- 15. NOT USED
- 16. NOT USED
- 17. CONCRETE TANK LID- SEE STRUCT
- 18. CONCRETE FLOOR SLAB- SEE STRUCT
- 19. PREFINISHED METAL ROOF COPING- SLOPE TOP FOR DRAINAGE- TYP
- 20. FULLY ADHERED FLEECEBACKED TPO ROOF MEMBRANE OVER 1/2" COVER BOARD, SLOPED RIGID INSULATION, MIN 5" BASE RIGID INSULATION, VAPOR BARRIER, PRECAST CONCRETE ROOF PLANK.
- 21. PREFINISHED METAL THRU-WALL DRAIN SCUPPER AND DOWNSPOUT- PROVIDE SPLASH BLOCK AT GRADE DISCHARGE POINT
- 22. PREFINISHED METAL THRU-WALL OVERFLOW SCUPPER
- 23. FIRE EXTINGUISHER WITH WALL BRACKET
- 24. OPENING IN FLOOR FOR DUCTWORK- SEE MECH AND STRUCT
- 25. CONCRETE COLUMN- SEE STRUCT
- 26. OPEN DRAIN TROUGH- SEE STRUCT
- 27. EQUIPMENT- SEE MECH
- 28. INSULATION CRICKET 1/2" PER FOOT



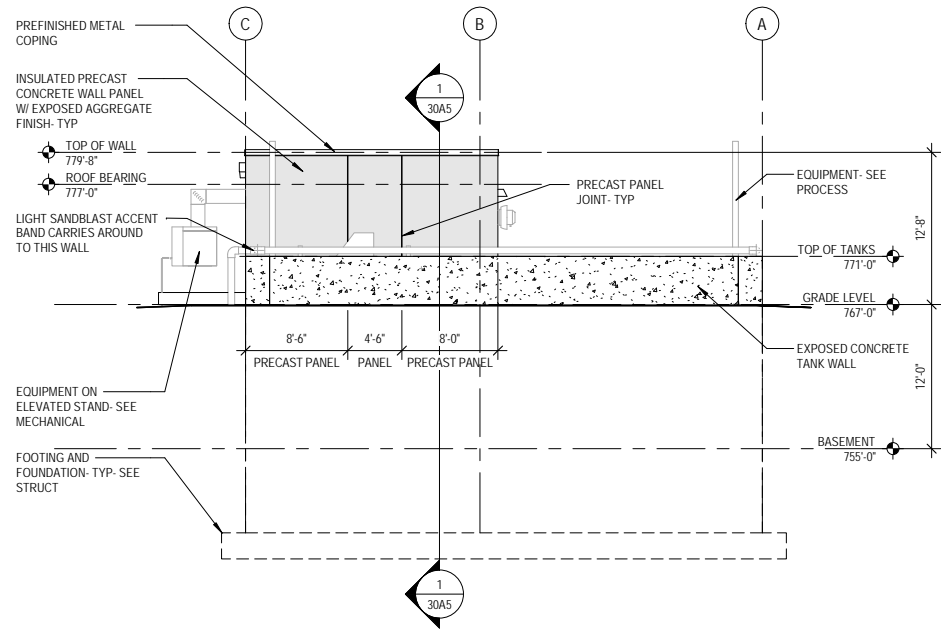
MARK	DATE	DESCRIPTION	REVISIONS

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL, 2021
ISSUE DATE	TS
DESIGNED BY	TS
DRAWN BY	TS

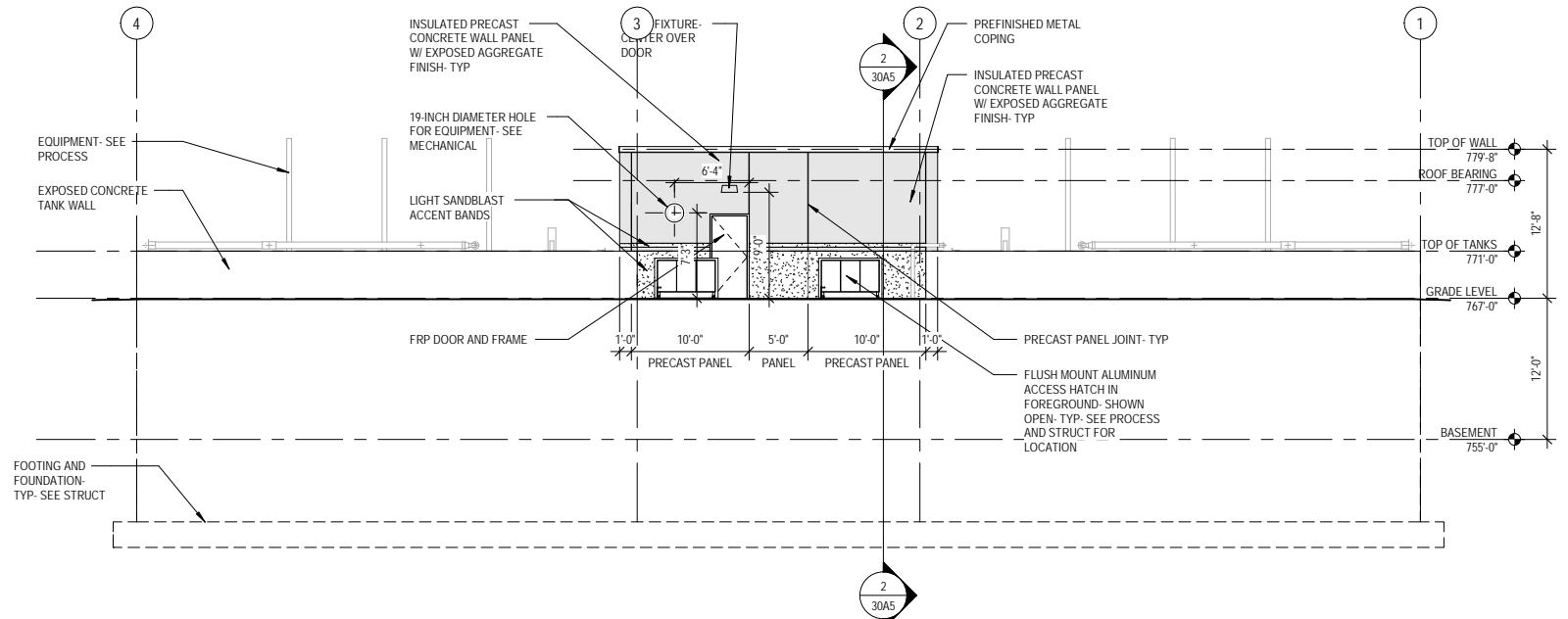
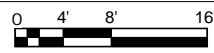
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YORKVILLE WWTP
SBR TANKS - FLOOR PLANS -
LEVEL 1 AND 2

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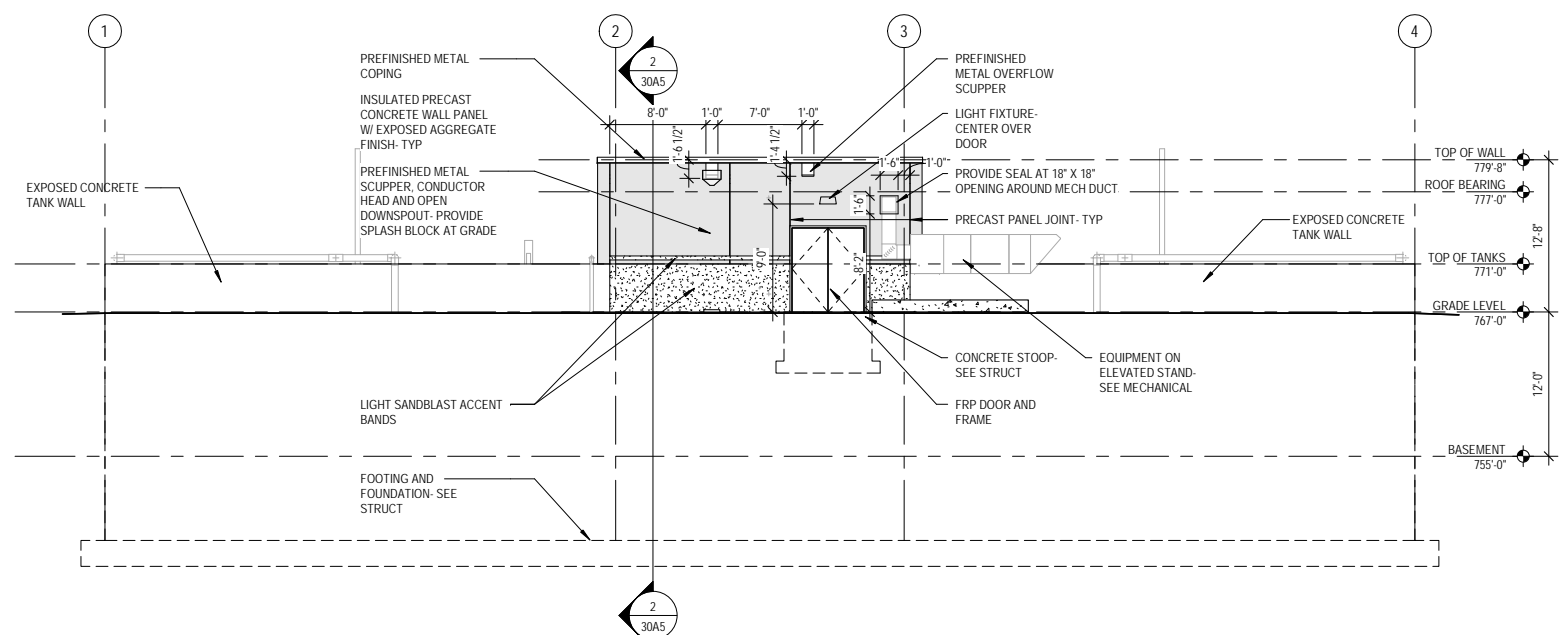
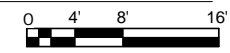
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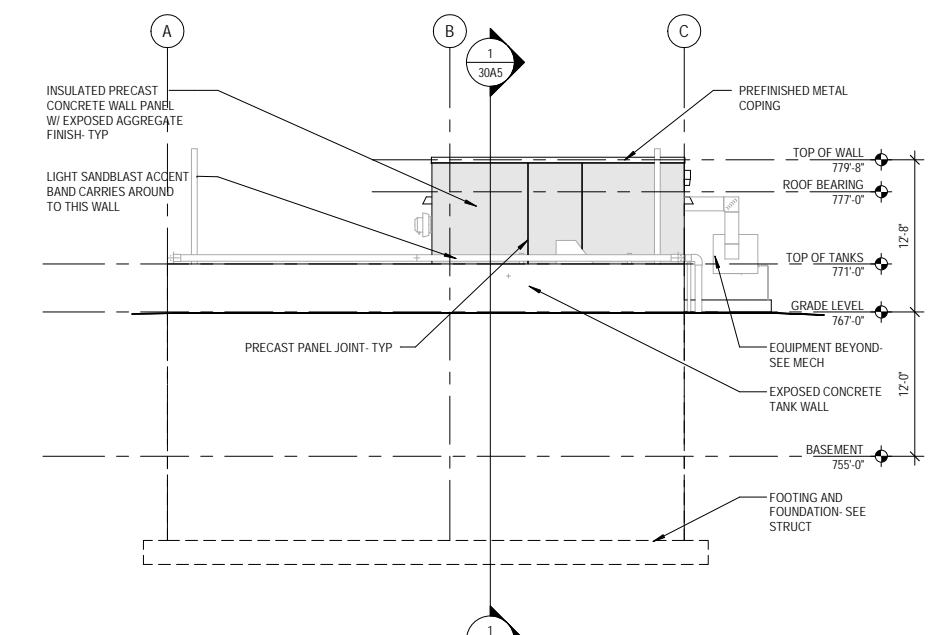
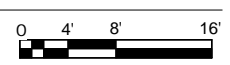
1 EAST ELEVATION
30A4 1/8" = 1'-0"



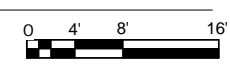
2 NORTH ELEVATION
30A4 1/8" = 1'-0"



3 SOUTH ELEVATION
30A4 1/8" = 1'-0"



4 WEST ELEVATION
30A4 1/8" = 1'-0"



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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

MARK	DATE	DESCRIPTION

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	MARCH, 2021
ISSUE DATE	TS
DESIGNED BY	TS
DRAWN BY	TS

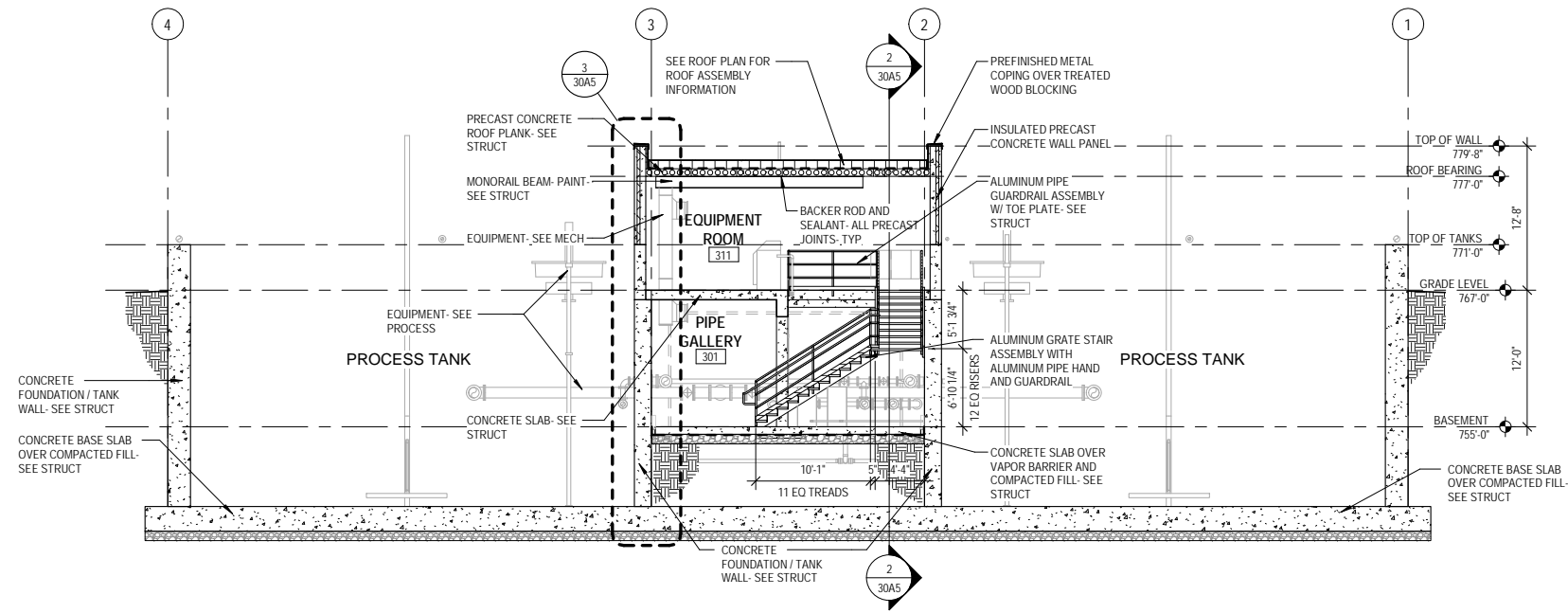
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YORKVILLE WWTP
SBR TANKS - EXTERIOR
ELEVATIONS

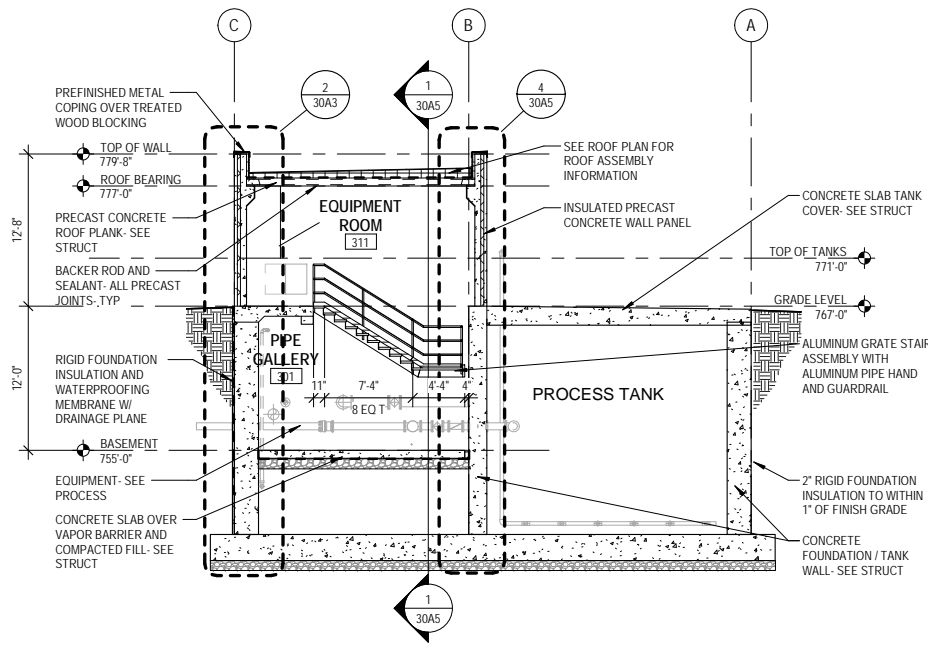
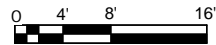
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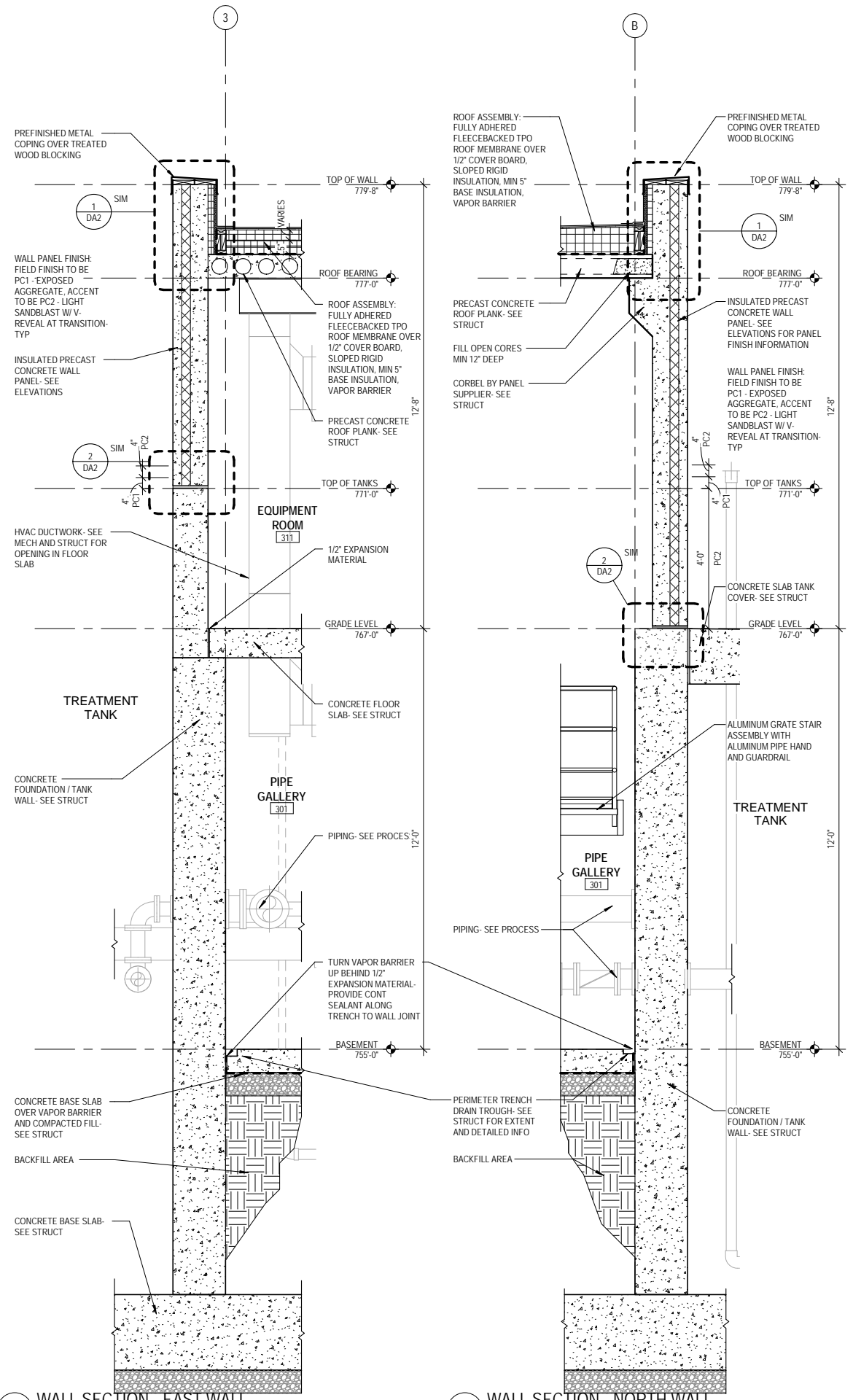
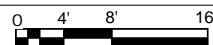
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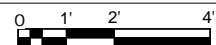
1 EAST/WEST SECTION AT PIPE GALLERY
30A5 1/8" = 1'-0"



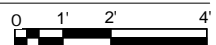
2 NORTH/SOUTH SECTION AT PIPE GALLERY
30A5 1/8" = 1'-0"



3 WALL SECTION - EAST WALL
30A5 1/2" = 1'-0"



4 WALL SECTION - NORTH WALL
30A5 1/2" = 1'-0"



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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

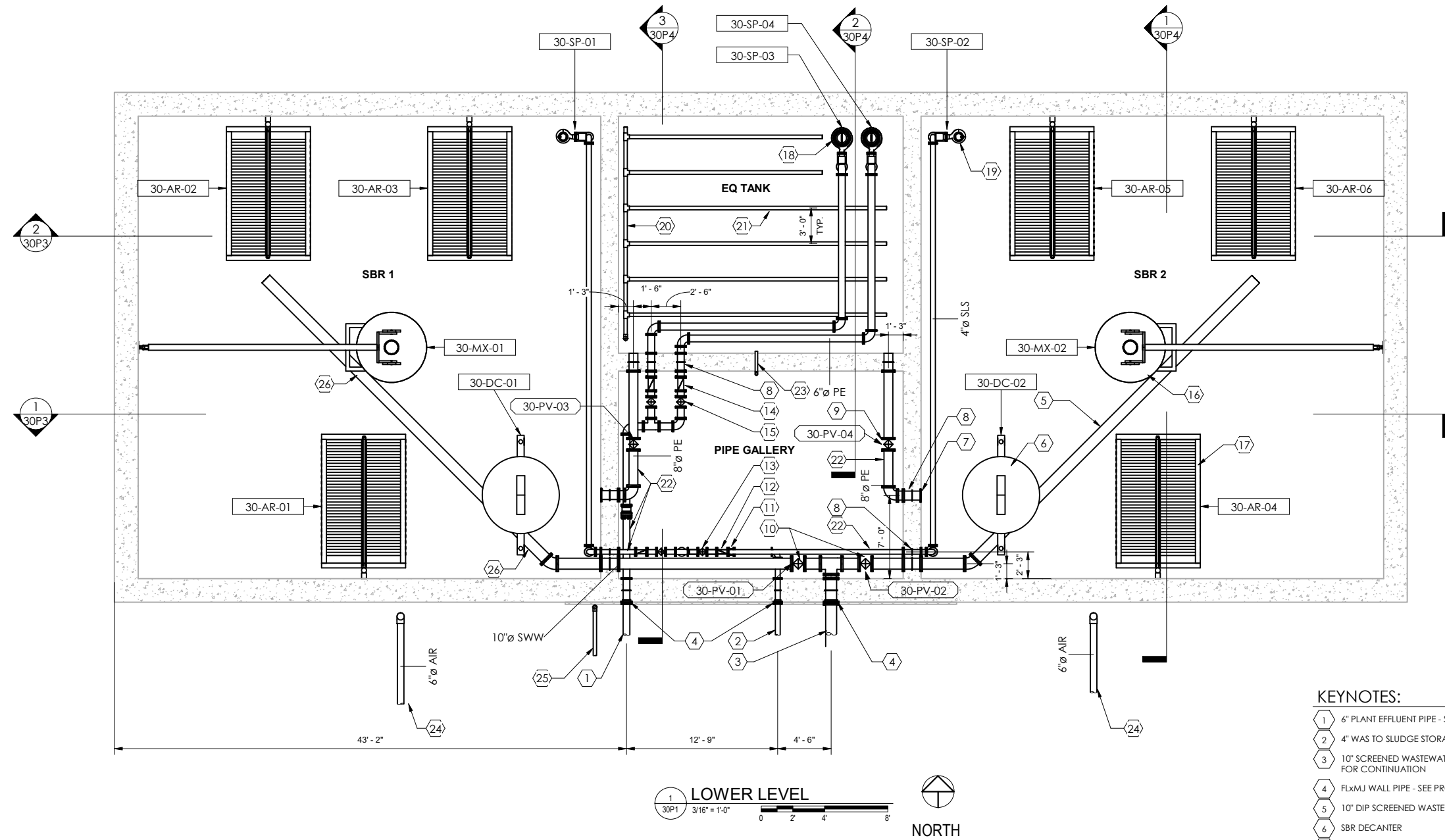
MARK	DATE	DESCRIPTION	REVISIONS

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	MARCH, 2021
ISSUE DATE	TS
DESIGNED BY	TS
DRAWN BY	TS

SHEET TITLE
YORKVILLE WWTP
SBR TANKS - SECTIONS

SHEET

30A5



1 LOWER LEVEL
3/16" = 1'-0"



KEYNOTES:

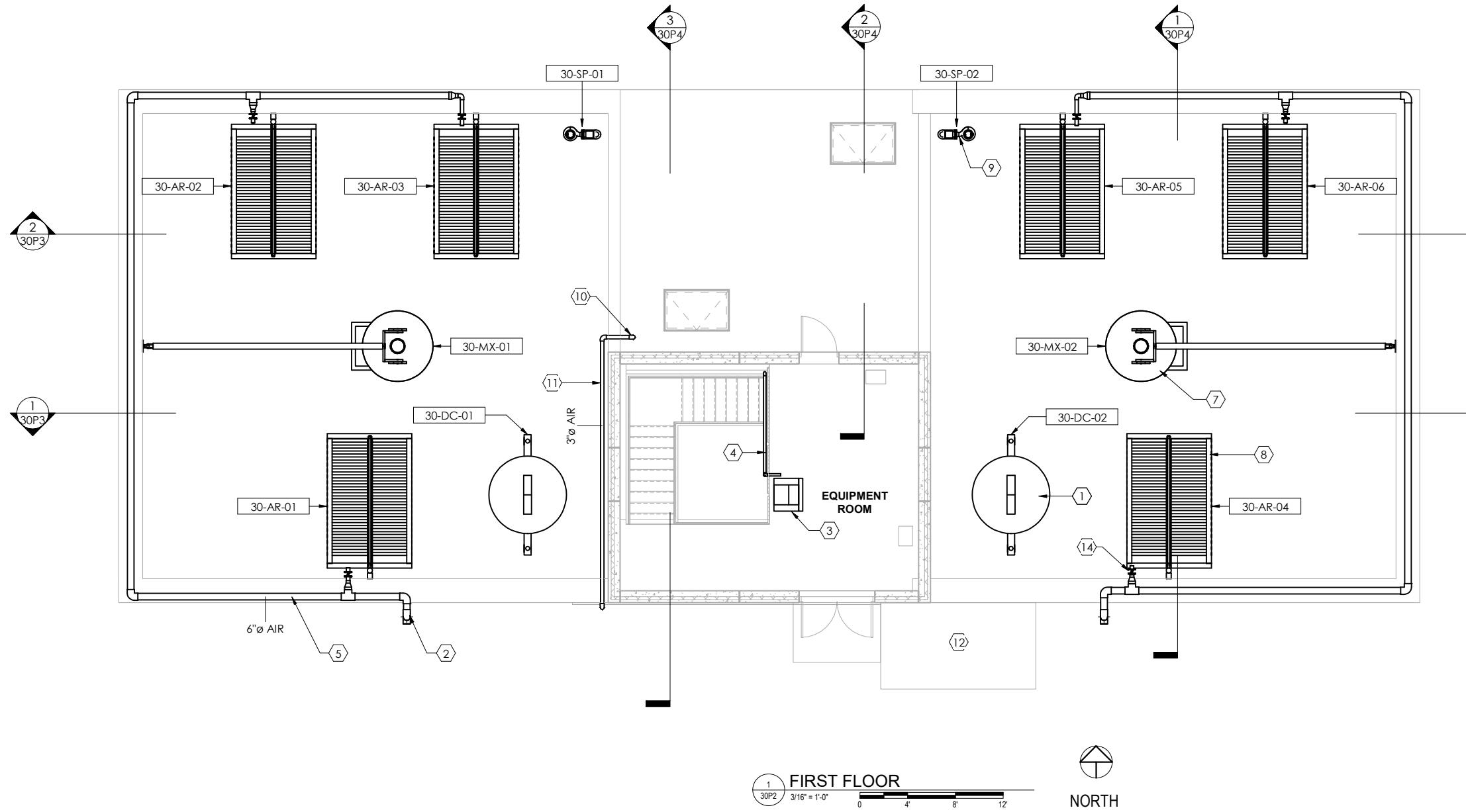
- 1 6" PLANT EFFLUENT PIPE - SEE SITE PLAN FOR CONTINUATION
- 2 4" WAS TO SLUDGE STORAGE - SEE SITE PLAN FOR CONTINUATION
- 3 10" SCREENED WASTEWATER FROM PRETREATMENT - SEE SITE PLAN FOR CONTINUATION
- 4 FLXMJ WALL PIPE - SEE PROCESS DETAILS
- 5 10" DIP SCREENED WASTEWATER - SUPPORT ON SS PIPE SUPPORTS
- 6 SBR DECANter
- 7 CONNECT 8" SBR EFFLUENT FLEX HOSE TO 8" DIP WALL PIPE
- 8 FLXFL WALL PIPE - SEE PROCESS DETAILS
- 9 8" ACTUATED PLUG VALVE
- 10 10" ACTUATED PLUG VALVE
- 11 4" MAGNETIC FLOW METER
- 12 4" SWING CHECK VALVE
- 13 4" PLUG VALVE
- 14 6" SWING CHECK VALVE
- 15 6" PLUG VALVE
- 16 FLOATING MIXER ON SWING ARM
- 17 CRANK UP AERATOR ASSY.
- 18 SUBMERSIBLE PLANT EFFLUENT PUMP
- 19 SUBMERSIBLE WAS PUMPS
- 20 3" PVC AIR HEADER
- 21 COARSE BUBBLE AERATION SYSTEM, SEE SPEC SECTION 46 51 21
- 22 SAMPLE TAP - SEE PROCESS DETAILS
- 23 2" PVC SAMPLE TUBE CARRIER PIPE
- 24 6" UNLINED DIP AIR PIPE - SEE SITE PLAN FOR CONTINUATION
- 25 3" UNLINED DIP AIR PIPE - SEE SITE PLAN FOR CONTINUATION
- 26 ROUTE INFLUENT PIPE TO MISS LEGS OF EQUIPMENT



MARK	DATE	DESCRIPTION

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL, 2021
ISSUE DATE	DS
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YORKVILLE WWTP
SBR LOWER LEVEL PROCESS
PLAN



1 FIRST FLOOR
3/16" = 1'-0"
0 4' 8' 12'



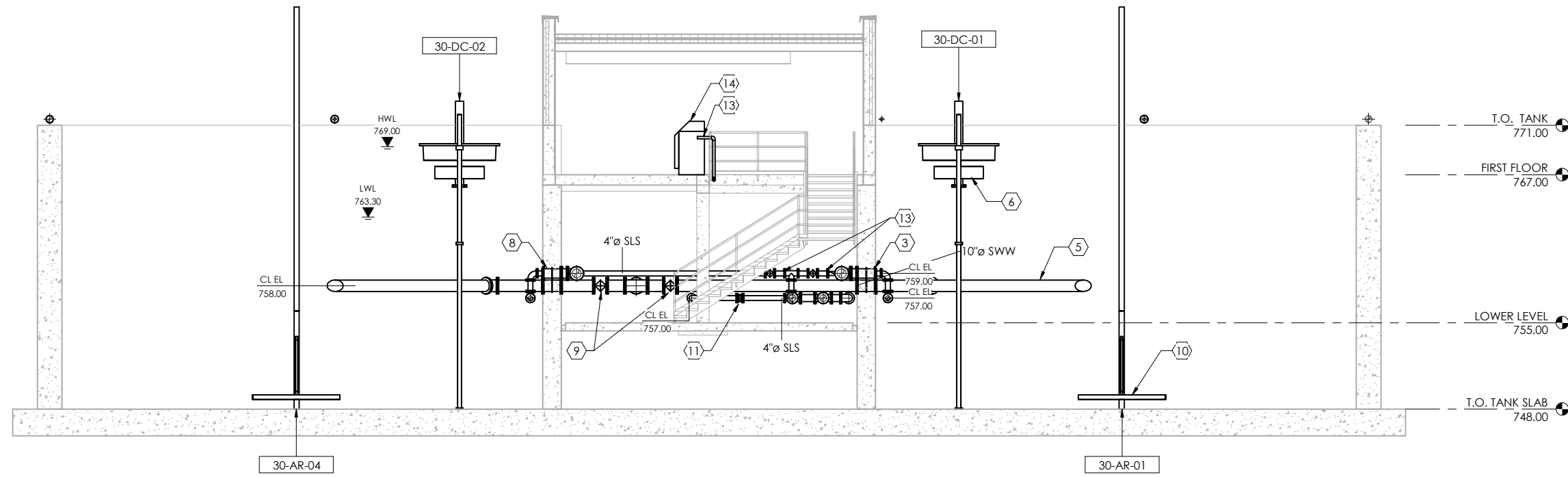
KEYNOTES:

- 1 SBR DECANTER
- 2 TRANSITION FROM UNLINED DIP TO WELDED STAINLESS STEEL AT 24" ABOVE GRADE FOR ALL AIR PIPE
- 3 AUTOMATIC SAMPLER - ROUTE SAMPLER TUBE IN 2" PVC CARRIER PIPE TO SAMPLE LOCATION IN LOWER LEVEL
- 4 2" SCH 40 PVC SAMPLE TUBE CARRIER PIPE
- 5 6" WELDED STAINLESS STEEL AIR PIPE
- 6 OVERSIZE HOLE IN WALL - CAULK TIGHT TO MATCH BUILDING
- 7 FLOATING MIXER ON SWING ARM
- 8 CRANK UP AERATOR ASSY.
- 9 SUBMERSIBLE WAS PUMP
- 10 PENETRATE TANK LID w/ LINK SEAL
- 11 3" STAINLESS STEEL AIR PIPE
- 12 AIR HANDLING EQUIPMENT - SEE MECHANICAL
- 13 XXX
- 14 3" BUTTERFLY VALVE TO EACH AERATOR ASSY.

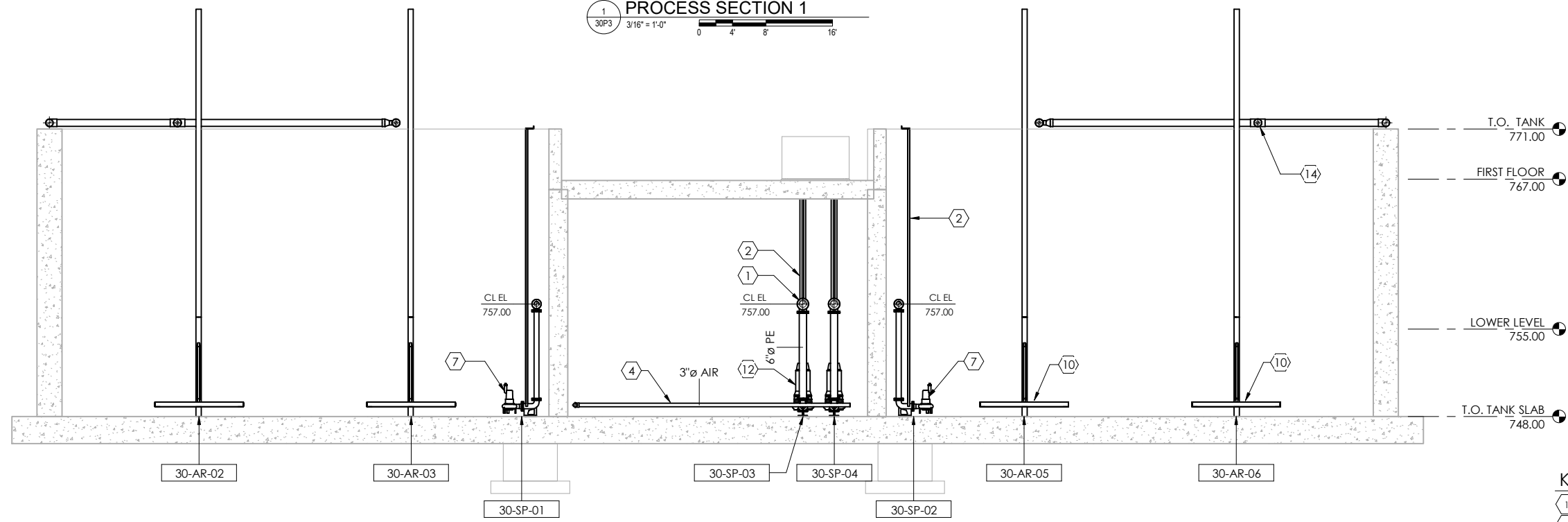


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1 PROCESS SECTION 1
30P3 3/16" = 1'-0"
0 4 8 16



2 PROCESS SECTION 2
30P3 3/16" = 1'-0"
0 4 8 12

KEYNOTES:

- 1 6" PUMPED EFFLUENT PIPE - SEE SITE PLAN FOR CONTINUATION
- 2 STAINLESS STEEL PUMP RAILS - TYP FOR EACH SUBMERSIBLE PUMP
- 3 CONNECT 8" SBR FLEX HOSE TO 8" DIP WALL PIPE
- 4 COARSE BUBBLE AERATION SYSTEM, SEE SPEC SECTION 46 51 21
- 5 10" DIP SBR INFLUENT - SUPPORT ON SS PIPE SUPPORTS
- 6 SBR DECANter
- 7 SUBMERSIBLE SLUDGE PUMP
- 8 FLxFL WALL PIPE - SEE PROCESS DETAILS
- 9 10" ACTUATED PLUG VALVE
- 10 CRANK UP AERATOR ASSY.
- 11 4" MAGNETIC FLOW METER
- 12 SUBMERSIBLE EFFLUENT PUMP
- 13 2" SCH 40 PVC SAMPLE TUBE CARRIER PIPE
- 14 CONNECT AERATOR WITH FLEX HOSE

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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

MARK	DATE	DESCRIPTION

FILE NO. YORSU 153779
CLIENT PROJECT NO. YORSU 153779
PROJECT STATUS BID SET
ISSUE DATE APRIL, 2021
DESIGNED BY DS
DRAWN BY LAP

SHEET TITLE
YORKVILLE WWTP
SBR PROCESS SECTIONS

SHEET
30P3

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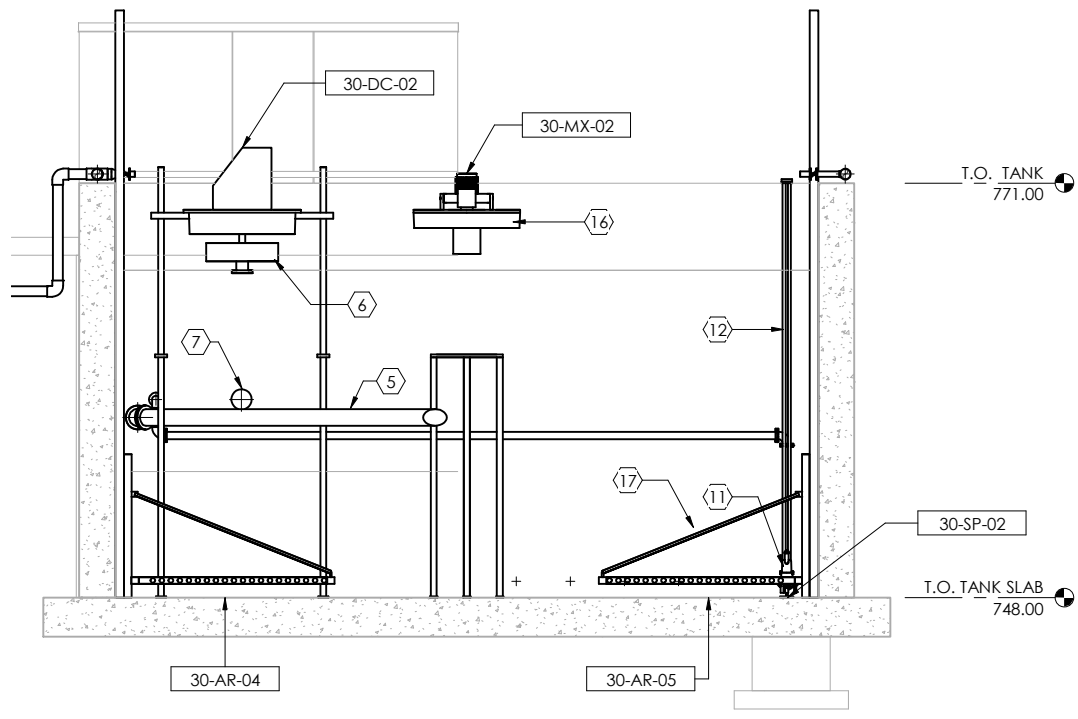


MARK	DATE	DESCRIPTION
		REVISIONS

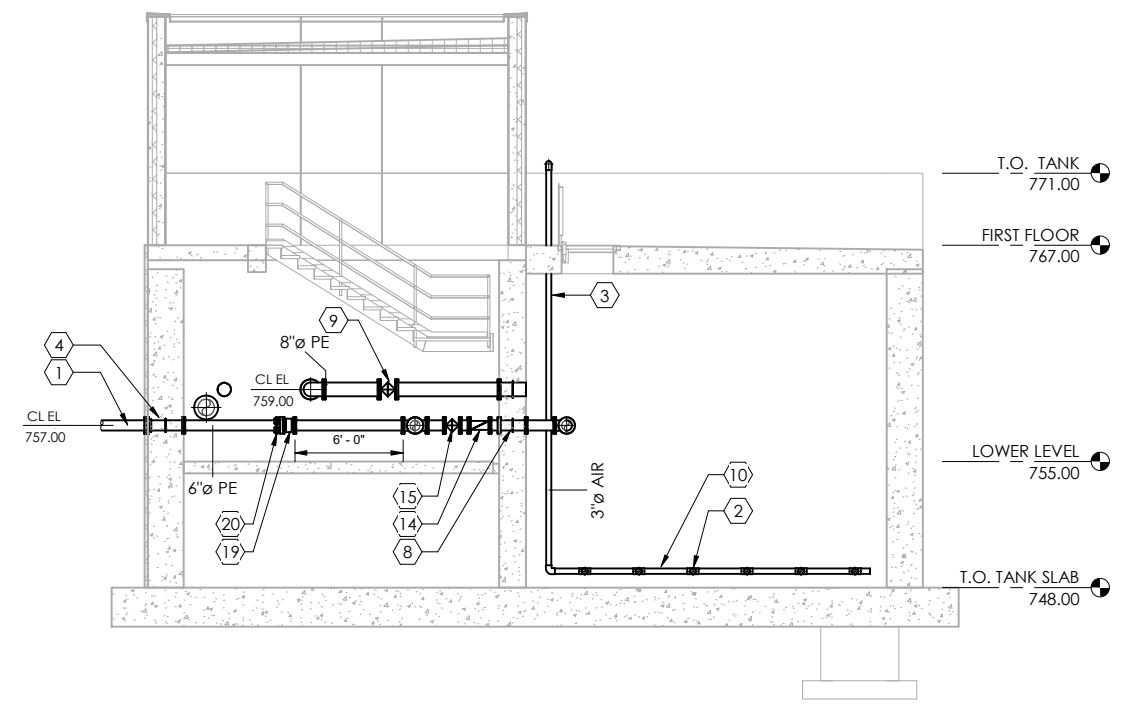
FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL, 2021
ISSUE DATE	DS
DESIGNED BY	LAP
DRAWN BY	

SHEET TITLE
**YORKVILLE WWTP
 SBR PROCESS SECTIONS**

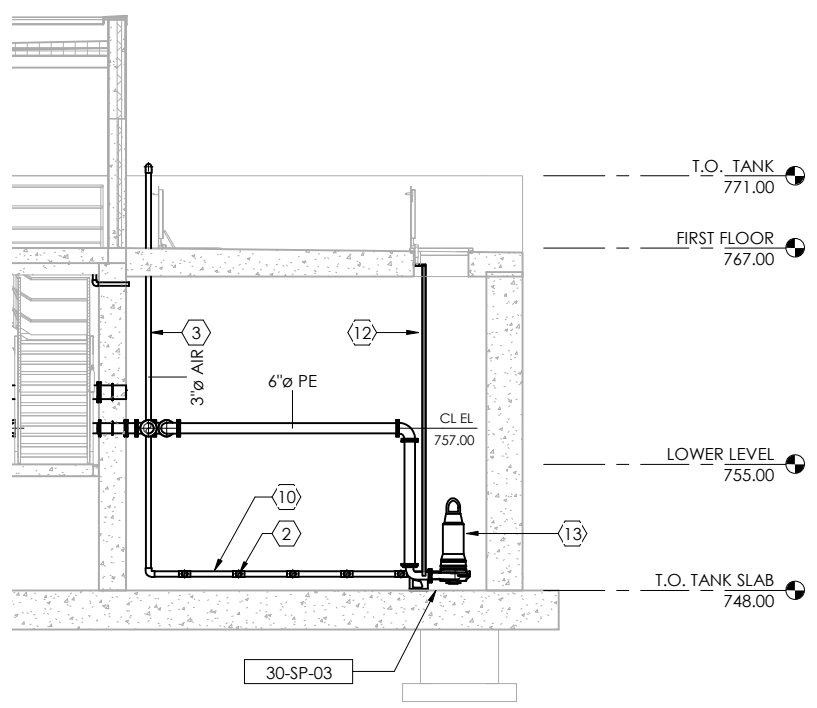
SHEET
30P4



1 PROCESS SECTION 3
 30P4 3/16" = 1'-0" 0 4 8 12

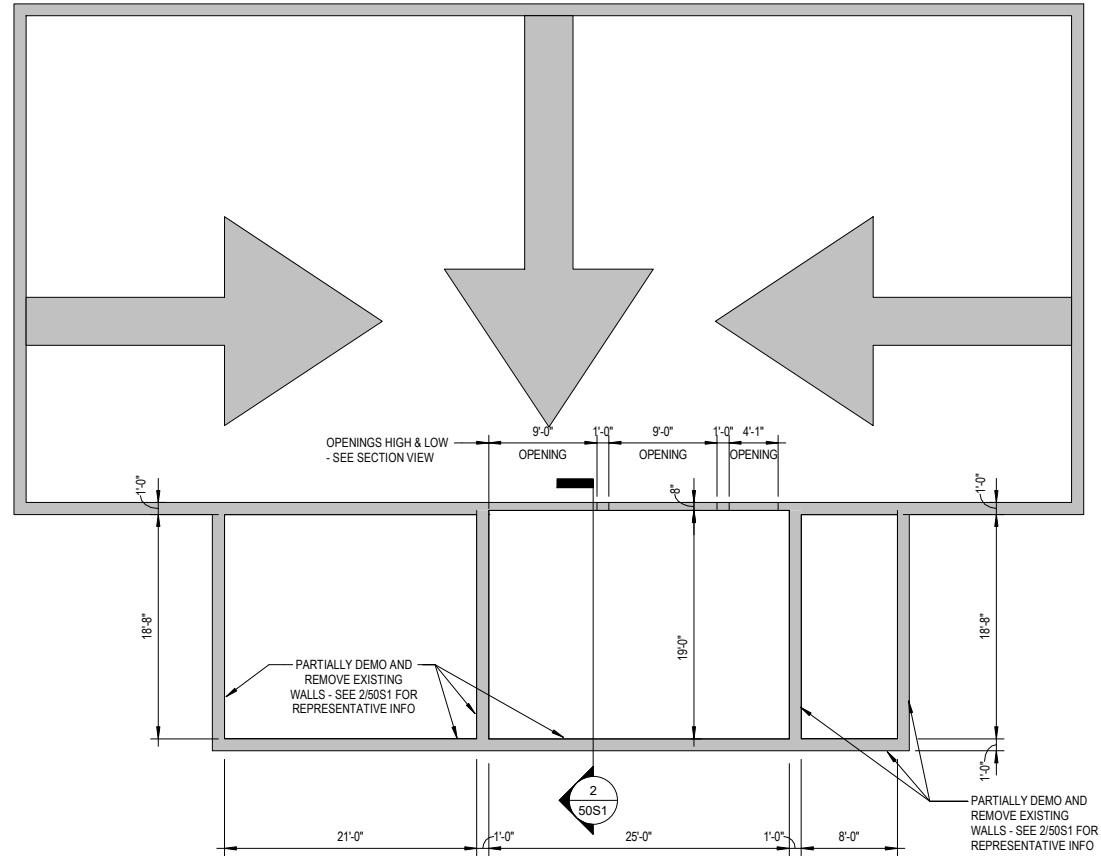


3 PROCESS SECTION 5
 30P4 3/16" = 1'-0" 0 4 8 12



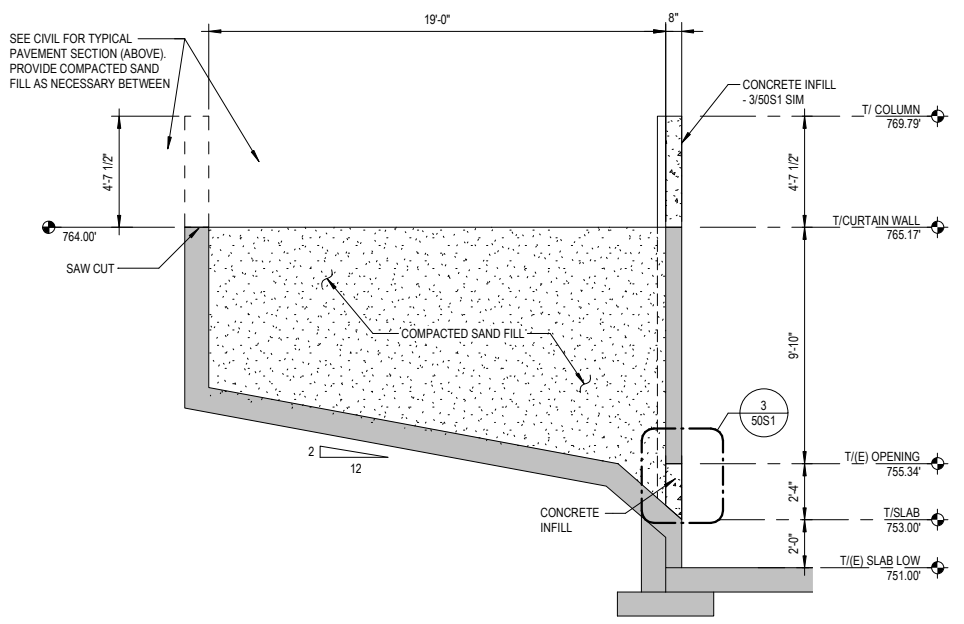
2 PROCESS SECTION 4
 30P4 3/16" = 1'-0" 0 4 8 12

- KEYNOTES:**
- 1 6" PUMPED EFFLUENT PIPE - SEE SITE PLAN FOR CONTINUATION
 - 2 3" PVC AIR LATERAL - DRILL LATERAL w/ 1/4" HOLES @ 12" O.C. AT THE BOTTOM OF THE LATERAL
 - 3 TRANSITION FROM 3" STAINLESS STEEL TO PVC AIR PIPE
 - 4 FLX MJ WALL PIPE - SEE PROCESS DETAILS
 - 5 10" DIP SBR INFLUENT - SUPPORT ON SS PIPE SUPPORTS
 - 6 SBR DECANTER
 - 7 CONNECT 8" SBR FLEX HOSE TO 8" DIP WALL PIPE
 - 8 FLX FL WALL PIPE - SEE PROCESS DETAILS
 - 9 8" ACTUATED PLUG VALVE
 - 10 3" PVC AIR HEADER
 - 11 SUBMERSIBLE SLUDGE PUMP
 - 12 STAINLESS STEEL PUMP RAILS - TYP FOR EACH SUBMERSIBLE PUMP
 - 13 SUBMERSIBLE EFFLUENT PUMP
 - 14 6" SWING CHECK VALVE
 - 15 6" PLUG VALVE
 - 16 FLOATIG MIXER ON SWING ARM
 - 17 CRANK UP AERATOR ASSY.
 - 18 FLOATING MIXER STAND
 - 19 6" MAGNETIC FLOW METER
 - 20 6" FLANGED COUPLING ADAPTER

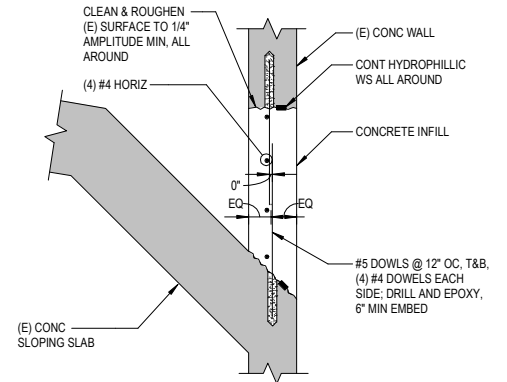


1 EXISTING FLOOR PLAN
50S1

PLAN NOTES:
1. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.



2 EXISTING SECTION - INFILL
50S1



3 INFILL DETAIL
50S1 3/4" = 1'-0"



WASTEWATER TREATMENT PLANT

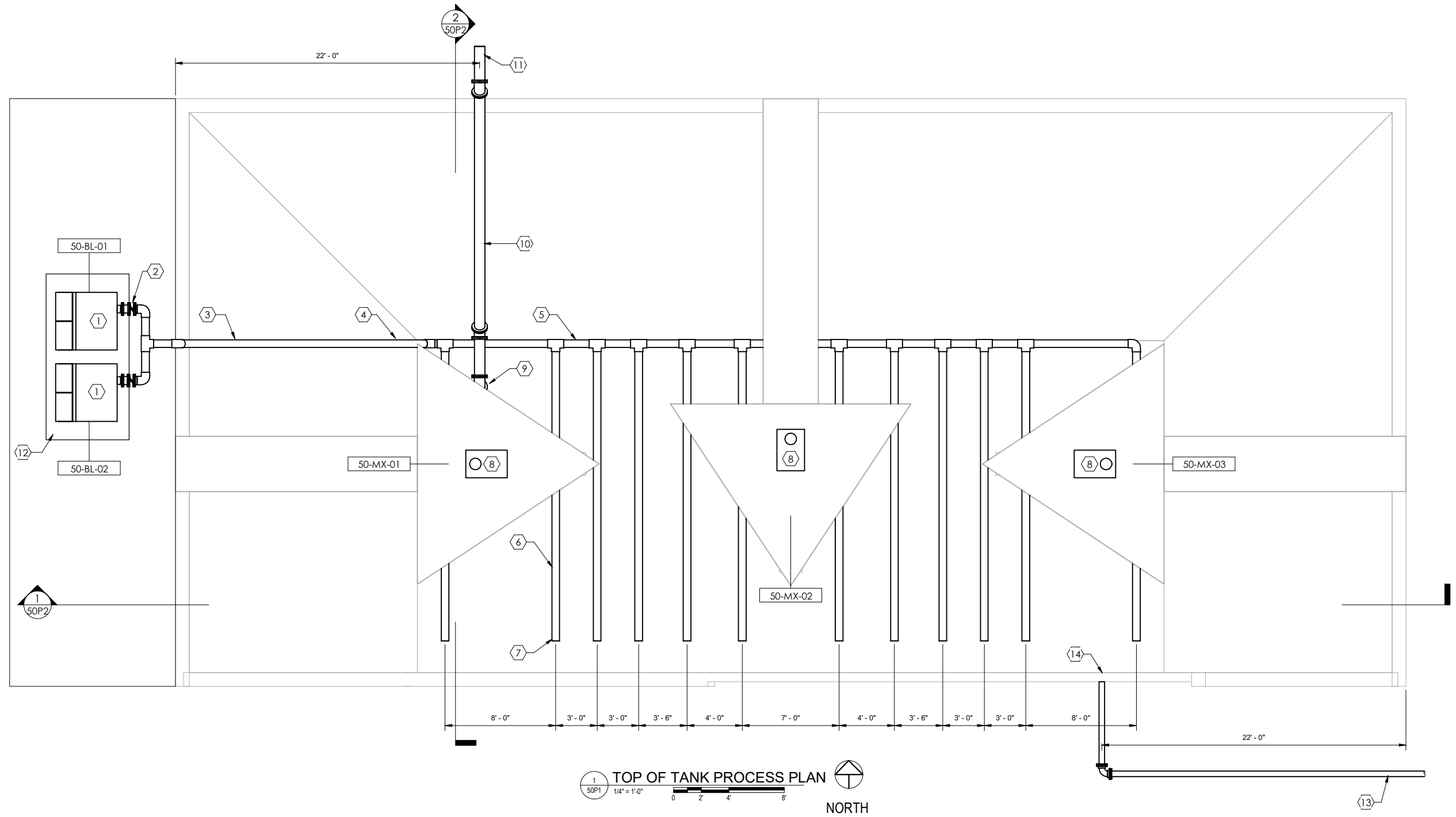
YORKVILLE, WISCONSIN

MARK	DATE	DESCRIPTION

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	APRIL, 2021
ISSUE DATE	AMC, NRD
DESIGNED BY	FAM
DRAWN BY	FAM

YORKVILLE WWTP
FLOOR PLAN, SECTION AND
DETAIL

SHEET
50S1



1 TOP OF TANK PROCESS PLAN
 1/4" = 1'-0"
 0 2' 4' 8'
 NORTH

KEYNOTES:

- 1 SBR BLOWER - RELIEF AND CHECK VALVES ARE INTEGRAL AND INTERNAL TO THE BLOWER ASSEMBLY AND NOT SHOWN
- 2 6" BUTTERFLY VALVE
- 3 6" WELDED STAINLESS STEEL PIPE
- 4 24" ABOVE TANK BOTTOM TRANSITION TO 6" SCH 80 PVC PIPE
- 5 6" SCH 80 PVC AIR HEADER
- 6 COARSE BUBBLE AERATION SYSTEM, SEE SPEC SECTION 46 51 21
- 7 CAP 3" SCH 80 AIR LATERAL END
- 8 REMOVE EXISTING MIXER AND INSTALL NEW MIXER
- 9 8" 90° FLARE ELBOW
- 10 8" DIP SLUDGE HAULOUT SUCTION PIPE
- 11 8" CAMLOCK HOSE CONNECTION w/ CAP
- 12 CONCRETE BLOWER PAD
- 13 4" DIP WAS PIPE - 8' BURY - SEE SITE PLAN FOR CONTINUATION - MAINTAIN CONSTANT UPWARD SLOPE FROM SBR
- 14 CORE DRILL AND LINK SEAL PIPE PENETRATION IN EXISTING TANK WALL

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WASTEWATER TREATMENT PLANT
 YORKVILLE, WISCONSIN

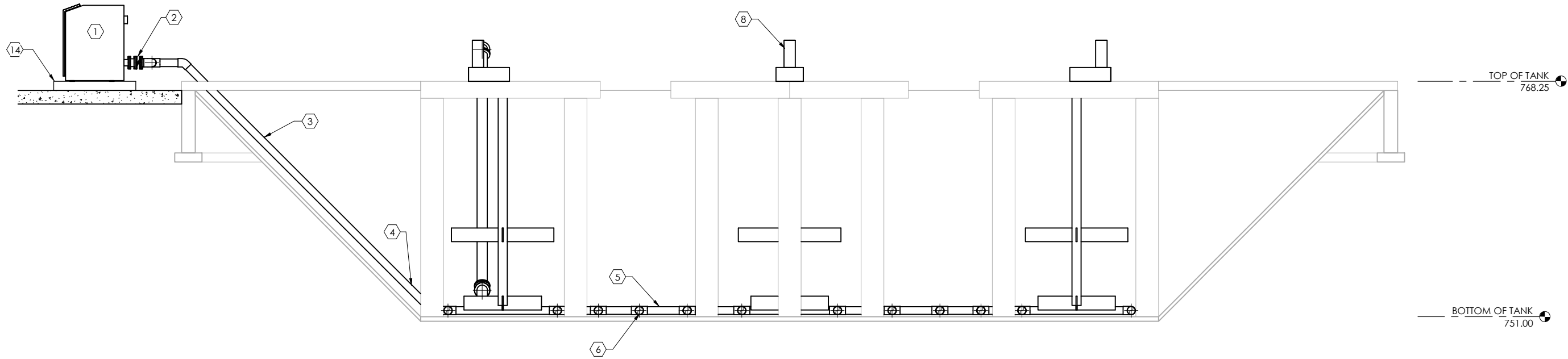
MARK	DATE	DESCRIPTION
		REVISIONS

FILE NO. YORSU 153779
 CLIENT PROJECT NO. BID SET
 PROJECT STATUS APRIL, 2021
 ISSUE DATE DS
 DESIGNED BY DD
 DRAWN BY DD

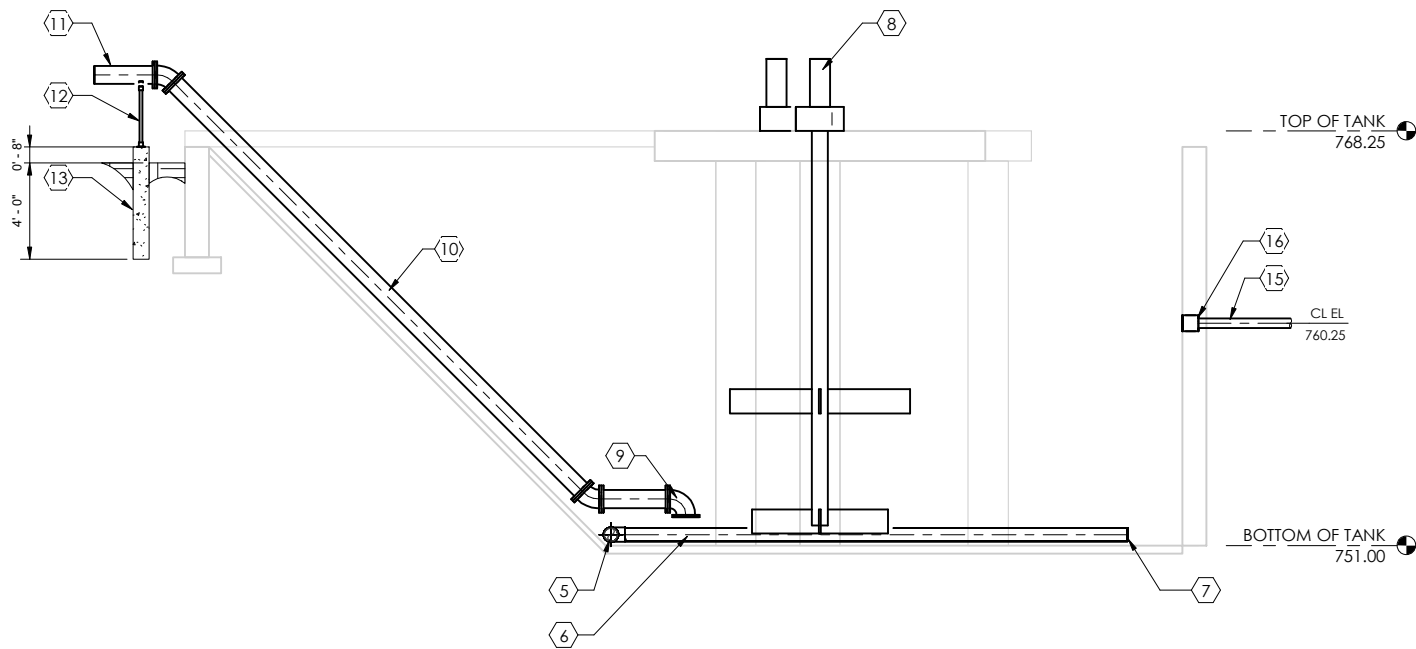
SHEET TITLE
**YORKVILLE WWTP
 TOP OF TANK PROCESS PLAN**

SHEET
50P1

Sherrill Elliott Herdickson, Inc. © (SEH)



1 PROCESS SECTION 1
50P2 1/4" = 1'-0" 0 2 4 8



2 PROCESS SECTION 2
50P2 1/4" = 1'-0" 0 2 4 8

KEYNOTES:

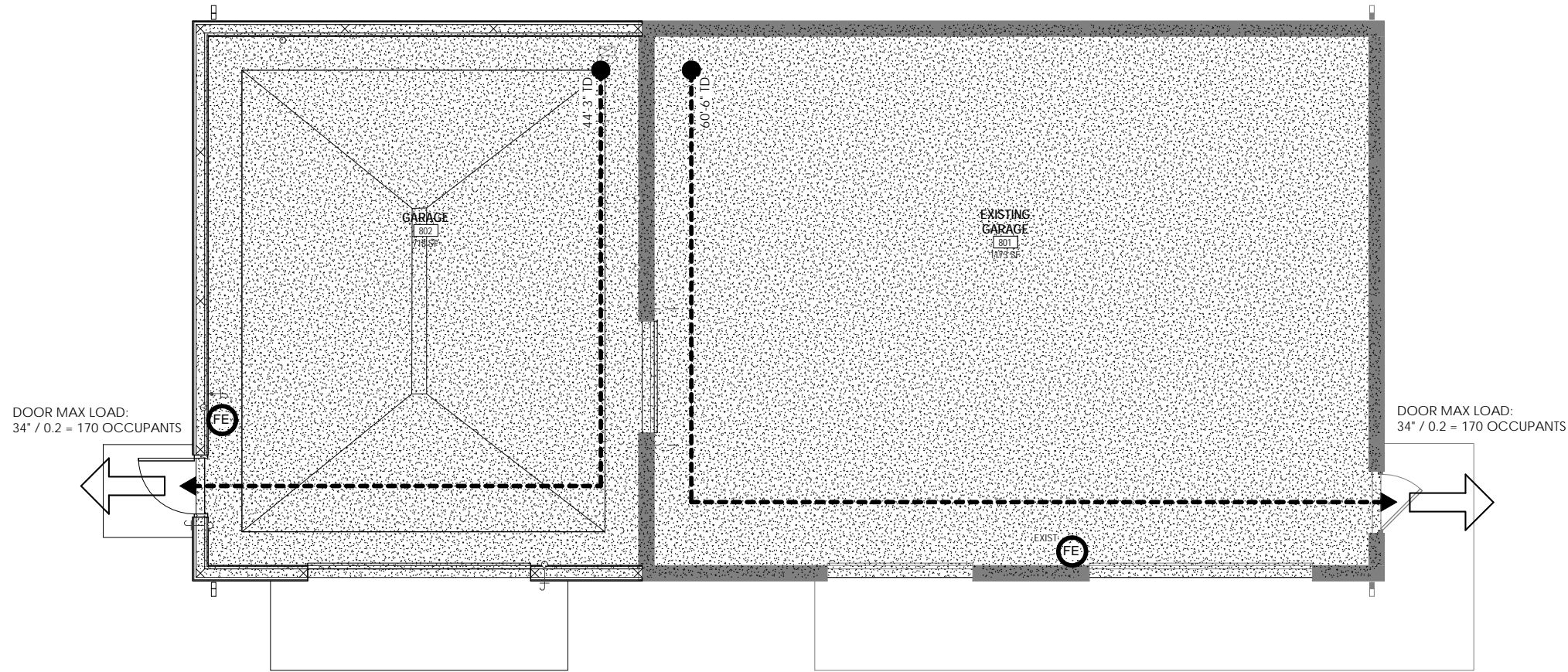
- 1 SLUDGE BLOWER BLOWER - RELIEF AND CHECK VALVES ARE INTEGRAL AND INTERNAL TO THE BLOWER ASSEMBY AND NOT SHOWN
- 2 6" BUTTERFLY VALVE
- 3 6" WELDED STAINLESS STEEL PIPE
- 4 24" BELOW TANK BOTTOM TRANSITION TO 6" SCH 80 PVC PIPE
- 5 6" SCH 80 PVC AIR HEADER
- 6 COARSE BUBBLE AERATION SYSTEM, SEE SPEC SECTION 46 51 21
- 7 CAP 3" SCH 80 AIR LATERAL END
- 8 REMOVE EXISTING MIXER AND INSTALL NEW MIXER
- 9 8" 90° FLARE ELBOW
- 10 8" DIP SLUDGE HAULOUT SUCTION PIPE
- 11 8" CALOCK HOSE CONNECTION w/ CAP
- 12 PIPE SUPPORT - SEE PROCESS DETAILS
- 13 8" CONCRETE PIER
- 14 CONCRETE BLOWER PAD
- 15 4" DIP WAS PIPE - 8' BURY - SEE SITE PLAN FOR CONTINUATION - MAINTAIN CONSTANT UPWARD SLOPE FROM SBR
- 16 4" DIP WAS PIPE - 8' BURY - SEE SITE PLAN FOR CONTINUATION



MARK	DATE	DESCRIPTION	REVISIONS

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	
PROJECT STATUS	BID SET
ISSUE DATE	APRIL, 2021
DESIGNED BY	DS
DRAWN BY	DD

SHEET TITLE	YORKVILLE WWTP SLUDGE STORAGE TANK PROCESS SECTIONS
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1 CODE PLAN
80A1 1/4" = 1'-0"

OCCUPANCY LEGEND

S-2

CODE LEGEND

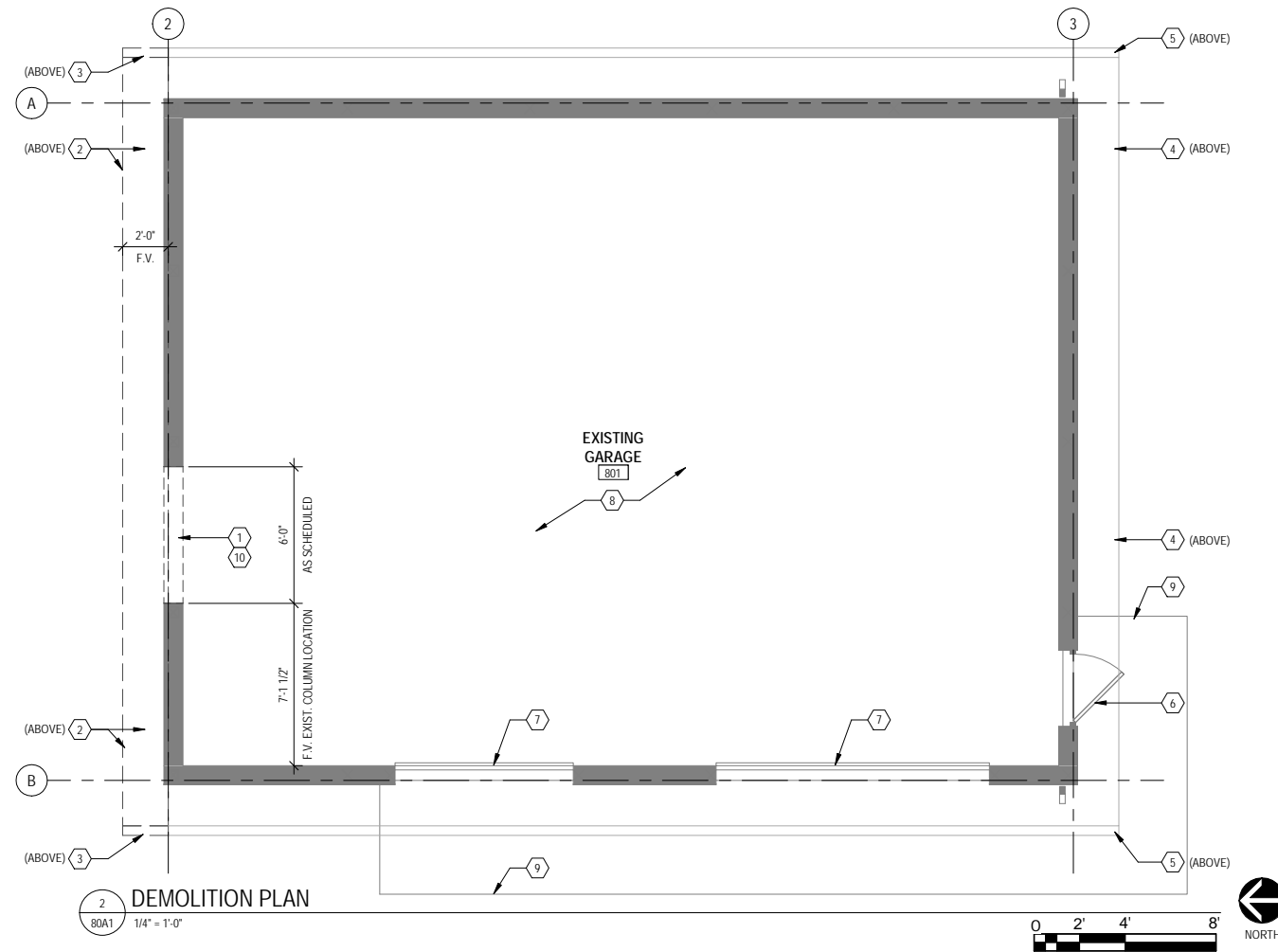
30'-0" TD
TRAVEL DISTANCE

EXIT LOCATION
MAX. OCCUPANT LOAD
REQUIRED WIDTH OF EGRESS
COMPONENTS

FE
FIRE EXTINGUISHER -
COORDINATE FINAL LOCATION
WITH LOCAL JURISDICTION

NOTE:
REFER TO SPECIFICATION SECTION
01 41 14.C FOR DETAILED CODE SUMMARY

OCCUPANCY SCHEDULE - GROSS						
NO.	ROOM NAME	AREA	OCCUPANCY	GROSS FACTOR	OCC. LOAD	NOTES
801	EXISTING GARAGE	1173 SF	S-2	300 SF	4.0	
802	GARAGE	718 SF	S-2	300 SF	3.0	
		1891 SF			7.0	



2 DEMOLITION PLAN
80A1 1/4" = 1'-0"

GENERAL NOTES - DEMOLITION

- A. REMOVE ALL ITEMS INDICATED BY THE FOLLOWING LINETYPE (UNLESS NOTED OTHERWISE)
- B. FIELD VERIFY ALL DIMENSIONS

KEYNOTES

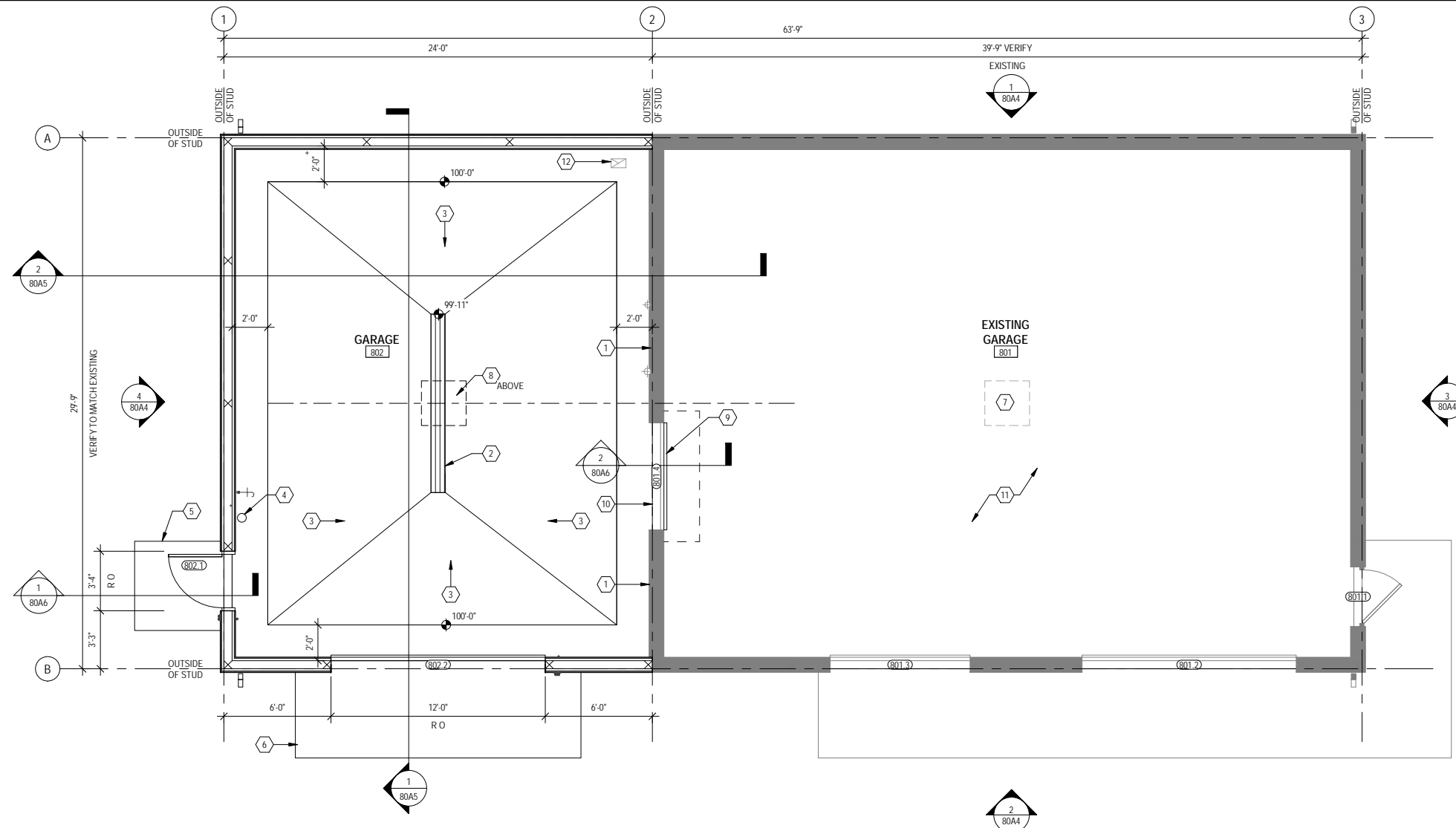
1. REMOVE PORTION OF WALL FOR NEW DOOR- REMOVE AND MODIFY WALL PANELS AS REQ'D, MODIFY WALL FRAMING AS REQ'D
2. REMOVE EXISTING SOFFIT PANEL AND FASCIA TO ACCEPT NEW ROOF ADDITION
3. MODIFY EXISTING GUTTER TO ACCEPT NEW PREFINISHED METAL GUTTER ADDITION AND ADJUST DOWNSPOUT LOCATIONS AS SHOWN IN EXTERIOR ELEVATIONS
4. EXISTING ROOF ABOVE TO REMAIN
5. EXISTING GUTTERS AND DOWNSPOUTS ABOVE TO REMAIN
6. EXISTING DOOR TO REMAIN
7. EXISTING O.H. DOOR TO REMAIN
8. EXISTING CONCRETE FLOOR TO REMAIN
9. EXISTING SIDEWALK TO REMAIN
10. MODIFY LIGHTING AND POWER AFFECTED BY THE WALL REMOVAL- SEE ELECTRICAL DRAWINGS



MARK	DATE	DESCRIPTION
		REVISIONS

FILE NO.	YORSU 153779
CLIENT PROJECT NO.	BID SET
PROJECT STATUS	MARCH, 2021
ISSUE DATE	TS
DESIGNED BY	BF
DRAWN BY	

YORKVILLE WWTP
GARAGE CODE PLAN AND
DEMOLITION PLAN



1 FLOOR PLAN - LEVEL 1
1/4" = 1'-0"

- GENERAL NOTES**
- A. FIELD VERIFY ALL DIMENSIONS
 - B. ALL DIMENSIONS TO FACE OF WALL, UNLESS NOTED OTHERWISE
 - C. GARAGE ADDITION SHALL BE PRE-ENGINEERED WOOD FRAMED BUILDING SYSTEM THAT IS EQUAL OR COMPATIBLE WITH THE EXISTING GARAGE STRUCTURE. SUPPLIER SHALL BE RESPONSIBLE TO MAKE ALL CONNECTIONS BETWEEN NEW WORK AND EXISTING TO PROVIDE A WEATHER-TIGHT FINAL PRODUCT
 - D. ANY PENETRATIONS OR COMPONENTS INSTALLED IN THE WALL ASSEMBLIES SHALL BE PERFORMED IN A MANNER THAT MEETS THE STANDARDS OF THE PRE-ENGINEERED BUILDING SYSTEM SUPPLIER, TO PROVIDE A WEATHER-TIGHT FINAL PRODUCT.
- KEYNOTES**
- 1. EXISTING WALL PANEL TO REMAIN AS INTERIOR FINISH, PROVIDE NEW TRIM AT NEW DOOR OPENING, EACH SIDE
 - 2. TRENCH DRAIN - SEE MECHANICAL
 - 3. SLOPE FLOOR TO TRENCH DRAIN - SEE STRUCTURAL
 - 4. FIRE EXTINGUISHER WITH WALL BRACKET
 - 5. CONCRETE STOOP - SEE STRUCT
 - 6. CONCRETE APRON - SEE STRUCT
 - 7. EXISTING ATTIC ACCESS PANEL - VERIFY LOCATION
 - 8. PROVIDE ATTIC ACCESS PANEL - COORDINATE LOCATION WITH ROOF FRAMING AS NEEDED, FIELD LOCATE
 - 9. NEW COILING DOOR ASSEMBLY AND STEEL SUPPORT COLUMNS- PAINT ALL UNFINISHED EXPOSED STEEL. BRACE TO EXISTING WALL AS NEEDED. CONTRACTOR SHALL ENGAGE AN ENGINEER TO VERIFY THE CAPACITY OF THE EXISTING BUILDING TO SUPPORT NEW OVERHEAD COILING DOOR ASSEMBLY AND WALL OPENING, AND PROVIDE REINFORCING COLUMNS, BEAMS, NEW BRACING OF THE EXISTING STRUCTURE AS NECESSARY.
 - 10. FINISH NEW FLOOR SLAB TO LEVEL WITH EXISTING AT TRANSITION
 - 11. NO WORK THIS AREA
 - 12. DUCTWORK - SEE MECH

NOTE: REFER TO SHEET 'DA1' FOR DOOR AND FRAME INFORMATION

NOTE: ALL NEW DOORS TO BE INSTALLED PER ENGINEERED BUILDING SUPPLIER'S STANDARD DETAILS

DOOR SCHEDULE											
DOOR NUMBER	DOOR		GLASS TYPE	FRAME			HARDWARE GROUP	DETAILS		REMARKS	
	HEIGHT	WIDTH		DOOR MATERIAL	DOOR TYPE	FRAME MATERIAL		FRAME TYPE	FRAME DEPTH		HEAD DETAIL
801.1	7'-0"	3'-0"	EX (HM)	EX (F)	-	EX (HM)	EX (F1)	EX	-	-	1
801.2	12'-0"	12'-0"	EX	EX (OHS)	-	EX	EX	EX	-	-	2
801.3	10'-0"	7'-10"	EX	EX (OHS)	-	EX	EX	EX	-	-	2
801.4	8'-0"	6'-0"	STL	OHC	-	-	-	NONE	-	-	-
802.1	7'-0"	3'-0"	HM	F	-	HM	F1	8-3/4"	8	-	3
802.2	12'-0"	12'-0"	STL	OHS	-	-	-	-	9	-	4

ABBREVIATIONS:
 HM = HOLLOW METAL
 STL = STEEL
 OHS = OVERHEAD SECTIONAL
 OHC = OVERHEAD COILING
 EX = EXISTING TO REMAIN

REMARKS LEGEND:
 1- EXISTING TO REMAIN- STRIP AND REPAINT
 2- EXISTING DOOR TO REMAIN
 3- INSULATED EXTERIOR DOOR- FILL FRAME WITH FOAM INSULATION, PAINT DOOR AND FRAME BOTH SIDES
 4- INSULATED OVERHEAD SECTIONAL DOOR

ROOM FINISH SCHEDULE										
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL FINISH				CEILING		REMARKS
				NORTH	SOUTH	EAST	WEST	FINISH	MATERIAL	
801	EXISTING GARAGE	EX	-	EX	EX	EX	EX	EX	EX	1
802	GARAGE	SC	-	MLP	EX MLP	MLP	MLP	FF	MLP	2, 3

ABBREVIATIONS:
 SC = SEALED CONCRETE
 EX = EXISTING SURFACE
 MLP = METAL LINER PANEL
 FF = FACTORY FINISHED

REMARKS LEGEND:
 1- MODIFY EXISTING LINER PANEL AS NEEDED AT NEW OPENING
 2- EXISTING EXTERIOR WALL PANEL TO REMAIN AS INTERIOR FINISH SURFACE
 3- PROVIDE NEW TRIM TO MATCH EXISTING PANEL AT OPENING

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WASTEWATER TREATMENT PLANT
 YORKVILLE, WISCONSIN

MARK DATE DESCRIPTION REVISIONS

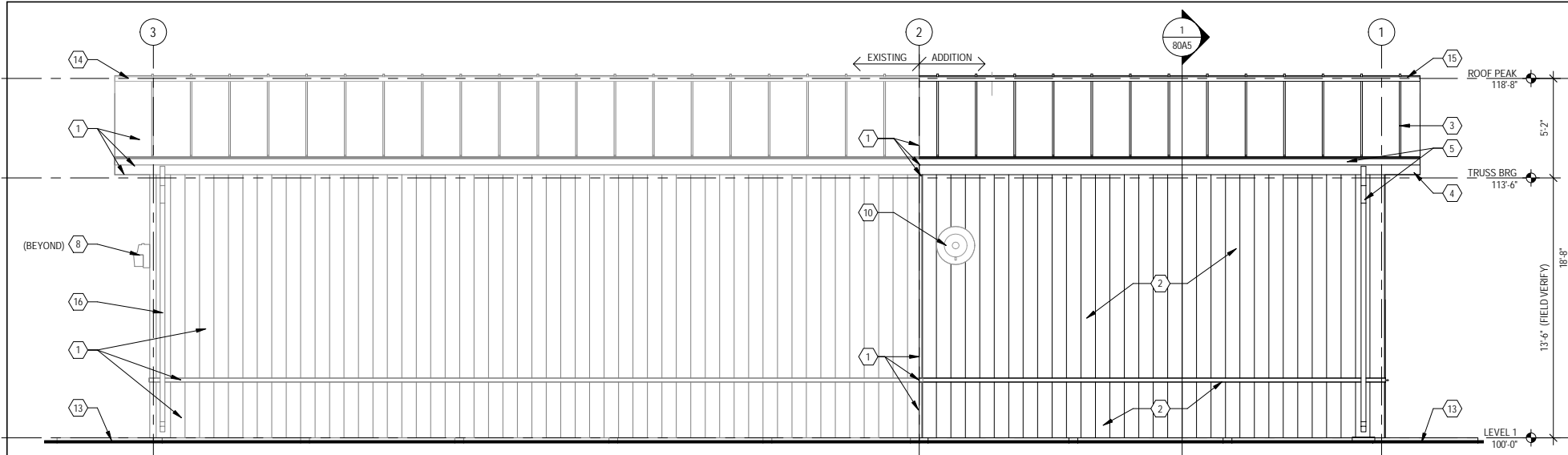
FILE NO. YORSU 153779
 CLIENT PROJECT NO. 153779
 PROJECT STATUS BID SET
 ISSUE DATE MARCH, 2021
 DESIGNED BY TS
 DRAWN BY BF

SHEET TITLE
 YORKVILLE WWTP
 GARAGE GROUND LEVEL
 FLOOR PLAN, SCHEDULES

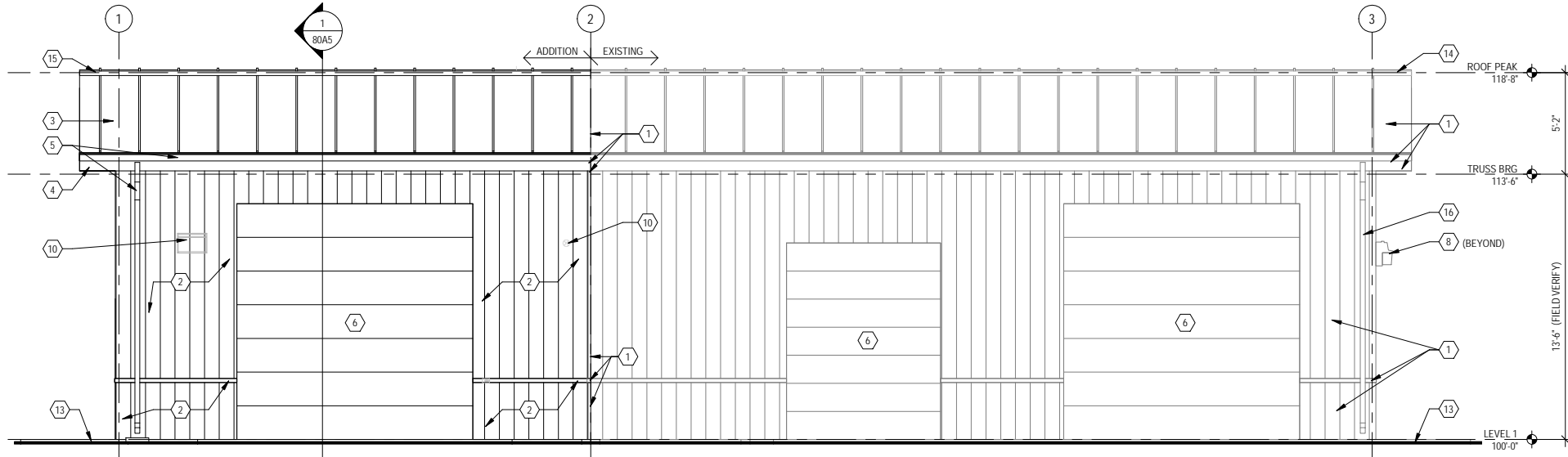
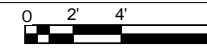
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 80A2

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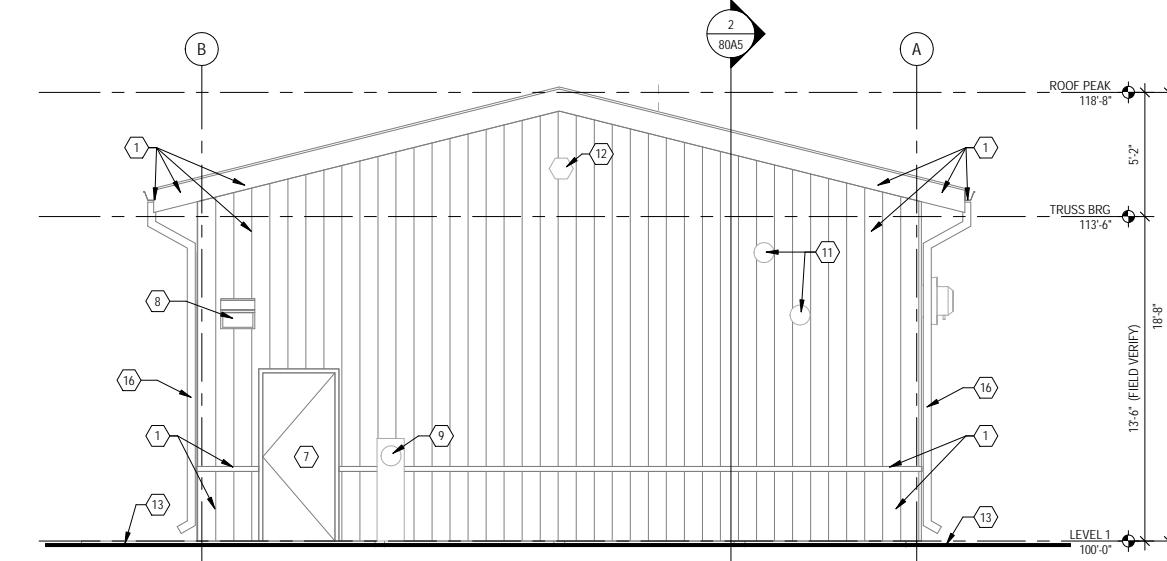
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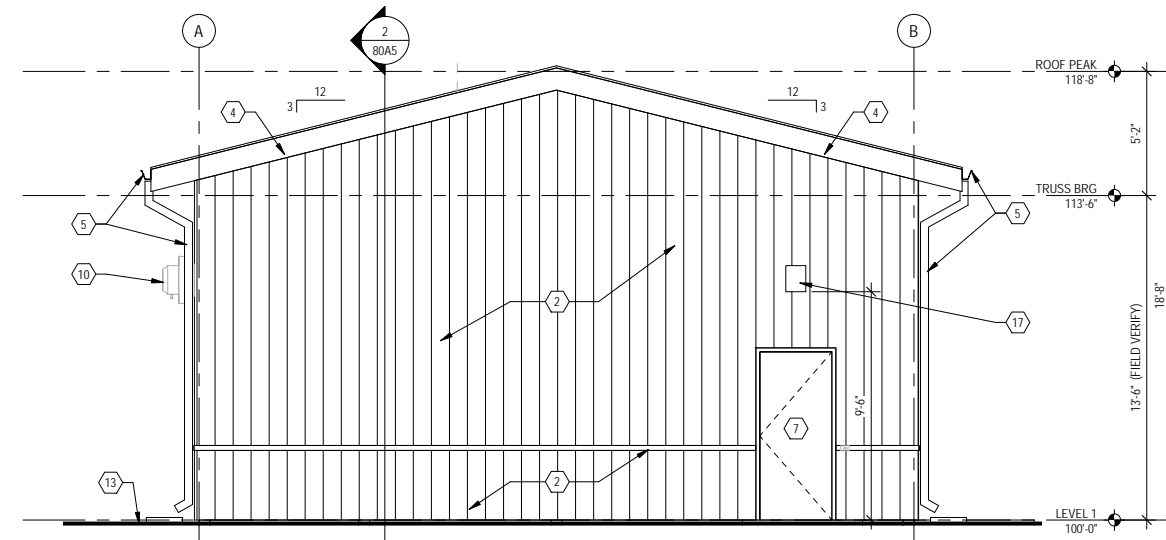
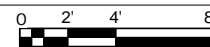
1 EAST ELEVATION
80A4 1/4" = 1'-0"



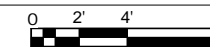
2 WEST ELEVATION
80A4 1/4" = 1'-0"



3 SOUTH ELEVATION - EXISTING
80A4 1/4" = 1'-0"



4 NORTH ELEVATION
80A4 1/4" = 1'-0"



GENERAL NOTES

- A. FIELD VERIFY ALL DIMENSIONS
- B. ALL PENETRATIONS TO BE SEALED WEATHERTIGHT

KEYNOTES

1. EXISTING BUILDING TO REMAIN (SHOWN HALFTONE), MODIFY EXISTING MATERIALS TO TIE IN NEW ADDITION AS RECOMMENDED BY MANUFACTURER
2. PREFINISHED METAL WALL PANEL, WAINSCOT AND TRIM TO MATCH EXISTING BUILDING
3. PREFINISHED METAL ROOF PANEL TO MATCH EXISTING BUILDING
4. PREFINISHED METAL FASCIA TO MATCH EXISTING BUILDING
5. PREFINISHED METAL GUTTER AND DOWNSPOUT TO CONCRETE SPLASH BLOCK BELOW, MATCH EXISTING ADJACENT
6. OVERHEAD SECTIONAL DOOR AS SCHEDULED
7. HOLLOW METAL DOOR AS SCHEDULED, PAINT
8. EXISTING LIGHT FIXTURE
9. EXISTING METER
10. EQUIPMENT- SEE MECHANICAL
11. EXISTING EQUIPMENT
12. EXISTING MORTON BUILDING LOGO TO REMAIN
13. FINISHED GRADE - SEE CIVIL
14. EXISTING RIDGE VENT
15. RIDGE VENT TO MATCH EXISTING
16. EXISTING DOWNSPOUT TO REMAIN
17. LIGHT FIXTURE, CENTER OVER DOOR- SEE ELECTRICAL

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WASTEWATER TREATMENT PLANT

YORKVILLE, WISCONSIN

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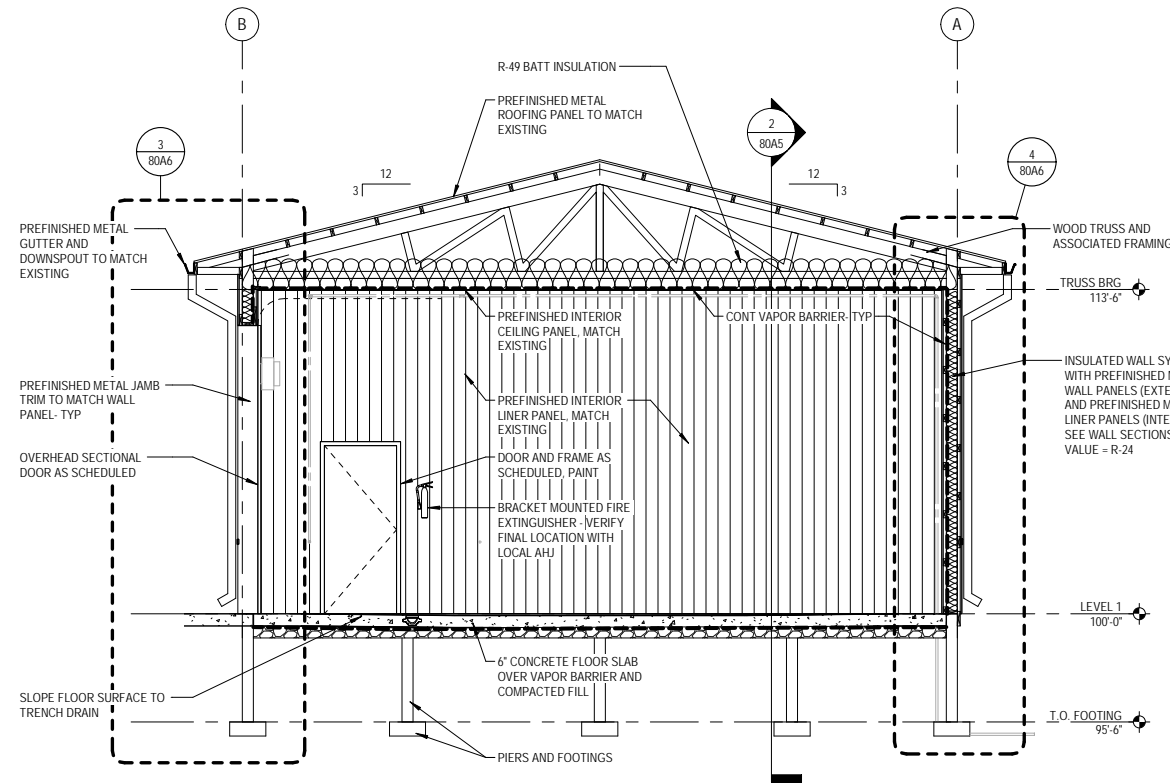
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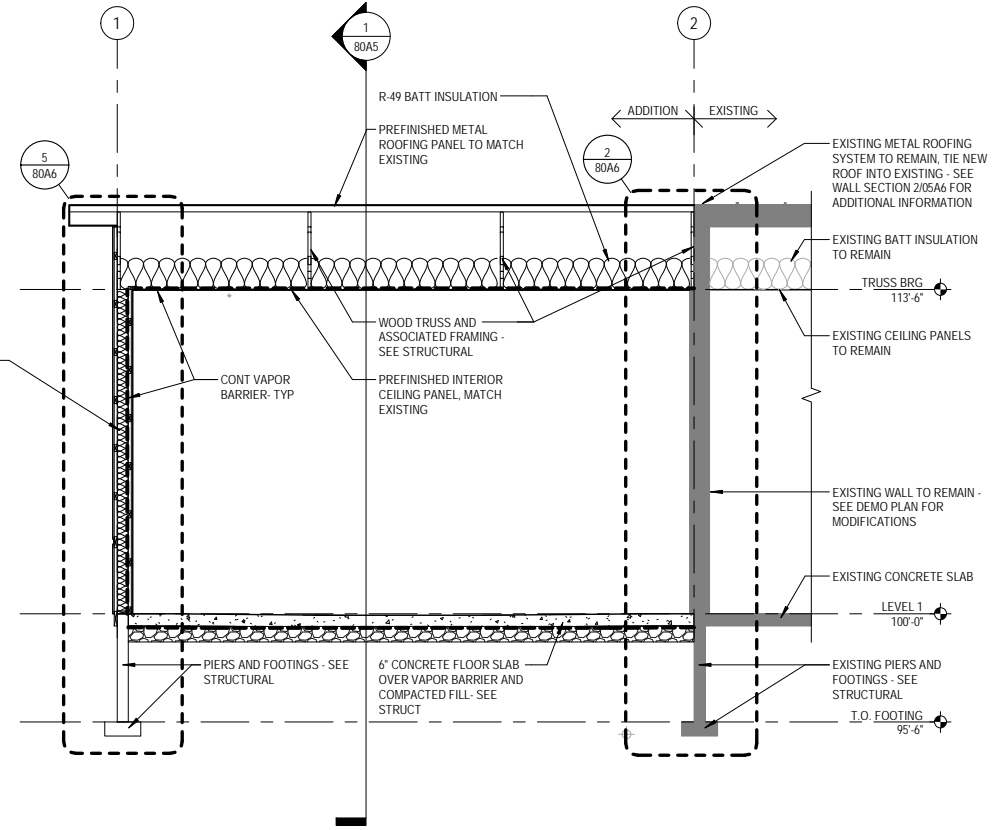
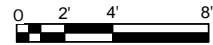
SHEET TITLE
**YORKVILLE WWTP
 GARAGE EXTERIOR
 ELEVATIONS**

SHEET

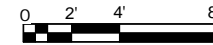
80A4



1 BUILDING SECTION - EAST/WEST
80A5 1/4" = 1'-0"



2 BUILDING SECTION - NORTH/SOUTH
80A5 1/4" = 1'-0"



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SHEET TITLE
**YORKVILLE WWTP
GARAGE SECTIONS**

SHEET
80A5